

November 4, 2004

The Honorable Cristine A. Vogel  
Commissioner  
State of Connecticut  
Office of Health Care Access  
410 Capitol Ave.  
MS #13HCA  
Hartford, CT 06134-0308

RECEIVED  
2004 NOV -5 AM 11:21  
OFFICE OF  
HEALTH CARE ACCESS

RE: Danbury Hospital Letter of Intent Docket Number 03-30327  
Outpatient Diagnostic Building, Parking Garage and Expansion of Outpatient Dialysis

Dear Commissioner Vogel:

Attached please find a new Letter of Intent replacing our original Letter of Intent 03-30327 dated July 1, 2004, which has expired, for Danbury Hospital for the construction of an Outpatient Diagnostic Building, Parking Garage and Expansion of Outpatient Dialysis on the Hospital's campus. The project includes the expansion of the outpatient dialysis service from the current 15 stations to a phase-in over three years to ultimately have 20 stations. The proposal also includes state-of-the-art imaging equipment which will bring the outpatient diagnostic services of the Danbury Hospital up to state-of-the-art and meet the need for advanced outpatient services.

If you or your staff have any questions, we would be happy to answer them. Please contact my office at 203-797-7414 or Attorney J. Michael Eisner at 203-772-0065.

Yours truly,



Gerard D. Robilotti  
Executive Vice President

GDR:dte  
Attachments

cc: Susan Cole, State of Connecticut, Office of Health Care Access  
Frank J. Kelly, President & CEO, Danbury Hospital  
J. Michael Eisner, Esq., Eisner & Lugli  
Arthur N. Tedesco, Sr. Vice President & Treasurer, Danbury Hospital  
Morris Gross, Vice President, Danbury Hospital  
Keith A. Hovan, Sr. Vice President Operations, Danbury Hospital  
Patricia O'Connor, Sr. Vice President Operations, Danbury Hospital  
David Brown, AMDC



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CONNECTICUT OFFICE OF  
HEALTH CARE ACCESS

**State of Connecticut  
Office of Health Care Access  
Letter of Intent/Waiver Form  
Form 2030**

All Applicants must complete a Letter of Intent (LOI) form prior to submitting a Certificate of Need application, pursuant to Sections 19a-638 and 19a-639 of the Connecticut General Statutes and Section 19a-643-79 of OHCA's Regulations. Please submit this form to the Commissioner of the Office of Health Care Access, 410 Capitol Avenue, MS# 13HCA, P.O. Box 340308, Hartford, Connecticut 06134-0308.

**SECTION I. APPLICANT INFORMATION**

If there are more than two Applicants, please attach a separate sheet of paper and provide additional information in the format below.

	Applicant One	Applicant Two
Full legal name	The Danbury Hospital	
Doing Business As	n/a	
Name of Parent Corporation	Danbury Health Systems, Inc.	
Mailing Address, if Post Office Box, include a street mailing address for Certified Mail	24 Hospital Avenue Danbury, CT 06810	
Applicant type (e.g., profit/non-profit)	Non-profit, tax exempt, non-stock corporation	
Contact person, including title or position	Gerard D. Robilotti Executive Vice President	
Contact person's street mailing address	24 Hospital Avenue Danbury, CT 06810	
Contact person's phone #, fax# and e-mail address	(203) 797-7414 (Telephone) (203) 830-2029 (Fax) Gerard.Robilotti@danhosp.org	

## SECTION II. GENERAL APPLICATION INFORMATION

a. Proposal/Project Title:

OUTPATIENT DIAGNOSTIC BUILDING, PARKING GARAGE AND EXPANSION OF  
OUTPATIENT DIALYSIS

b. Type of Proposal, please check all that apply:

☒ Change in Facility (F), Service (S) or Function (Fnc) pursuant to Section 19a-638, C.G.S.:

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> New (F, S, Fnc)                          | <input type="checkbox"/> Replacement           | <input checked="" type="checkbox"/> Additional (F, <u>S</u> , Fnc)<br>(Dialysis) |
| <input checked="" type="checkbox"/> Expansion (F, <u>S</u> , Fnc) | <input checked="" type="checkbox"/> Relocation | <input type="checkbox"/> Service Termination                                     |
| <input type="checkbox"/> Bed Addition                             | <input type="checkbox"/> Bed Reduction         | <input type="checkbox"/> Change in Ownership/Control                             |

☒ Capital Expenditure/Cost, pursuant to Section 19a-639, C.G.S.:

☒ Project expenditure/cost cost greater than \$ 1,000,000

☒ Equipment Acquisition greater than \$ 400,000

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> New     | <input checked="" type="checkbox"/> Replacement | <input checked="" type="checkbox"/> Major Medical |
| <input checked="" type="checkbox"/> Imaging | <input type="checkbox"/> Linear Accelerator     |   |

☐ Change in ownership or control, pursuant to Section 19a-639 C.G.S., resulting in a capital expenditure over \$1,000,000

c. Location of proposal (Town including street address):

95 Locust Avenue, Danbury, CT 06810 (On Danbury Hospital Campus)

d. List all the municipalities this project is intended to serve:

Please see attached Service Area list (Attachment II).

e. Estimated starting date for the project: Upon approval.

- f. Type of project: 19, 20, 21, 22, 25, 32 (Fill in the appropriate number(s) from page 7 of this form)

**Number of Beds (to be completed if changes are proposed)**

Type	Existing Staffed	Existing Licensed	Proposed Increase (Decrease)	Proposed Total Licensed
N/A				

**SECTION III. ESTIMATED CAPITAL EXPENDITURE INFORMATION**

- a. Estimated Total Capital Expenditure: **\$44,553,816**
- b. Please provide the following breakdown as appropriate:

Construction/Renovations	\$ 30,430,000
Medical Equipment (Purchase)	3,616,500
Imaging Equipment (Purchase)	9,023,816
Non-Medical Equipment (Purchase)	1,483,500
Sales Tax <i>(included above)</i>	
Delivery & Installation (INCLUDED ABOVE)	
<b>Total Capital Expenditure</b>	<b>\$44,553,816</b>
Fair Market Value of Leased Equipment	
<b>Total Capital Cost</b>	<b>\$44,553,816</b>

**Major Medical and/or Imaging equipment acquisition:**

Equipment Type	Name	Model	Number of Units	Cost per unit
CT Scanner	GE Lightspeed	Volume CT – 64 Slices	1	1,937,248
PET/CT Scanner	G.E. Discovery	ST4 PET/CT Scanner	1	2,654,645
MRI	1.5 Signa	1.5 Signa Infinity	1	2,536,630
Nuclear Medicine Camera System	GE Infinia	Hawkeye Nuclear Camera System/Dual Head	1	595,368.40
Nuclear Medicine Camera System	G.E. Hawkeye	CT/SPECT Dual Head	1	639,661.65
Nuclear Medicine Camera System	G.E. Millennium	Millennium MPR System Single Head	1	247,879.30
Nuclear Medicine Cardiology Camera System	G.E. Millennium	Millennium Myosight Dual Head	1	412,384.10
TOTAL				\$9,023,816.10

Note: Provide a copy of the contract with the vendor for major medical/imaging equipment.  
(Available quotations attached)

c. Type of financing or funding source (more than one can be checked):

- ☒ Applicant's Equity
 ☒ Lease Financing
 ☐ Conventional Loan  
☐ Charitable Contributions
 ☒ CHEFA Financing
 ☐ Grant Funding  
☐ Funded Depreciation
 ☐ Other (specify): \_\_\_\_\_

**SECTION IV. PROJECT DESCRIPTION – (See Attachment I)**

Please attach a separate 8.5" X 11" sheet(s) of paper and provide no more than a two-page description of the proposed project, highlighting all the important aspects of the proposed project. Please be sure to address the following (if applicable):

- Currently what types of services are being provided? If applicable, provide a copy of each Department of Public Health license held by the Petitioner.
- What types of services are being proposed and what DPH licensure categories will be sought, if applicable?
- Who is the current population served and who is the target population to be served?
- Identify any unmet need and how this project will fulfill that need.
- Are there any similar existing service providers in the proposed geographic area?

6. What is the effect of this project on the health care delivery system in the State of Connecticut?
7. Who will be responsible for providing the service?
8. Who are the payers of this service?

**If requesting a Waiver of a Certificate of Need, please complete Section V.**

**SECTION V. WAIVER OF CON FOR REPLACEMENT EQUIPMENT**

I may be eligible for a waiver from the Certificate of Need process because of the following:  
(Please check all that apply)

- ☐ This request is for Replacement Equipment.
  - ☐ The original equipment was authorized by the Commission/OHCA in Docket Number: \_\_\_\_\_.
  - ☐ The cost of the equipment is not to exceed \$2,000,000.
  - ☐ The cost of the replacement equipment does not exceed the original cost increased by 10% per year.

Please complete the attached affidavit for Section V only.

**AFFIDAVIT**

Applicant: The Danbury Hospital

Project Title: OUTPATIENT DIAGNOSTIC BUILDING, PARKING GARAGE AND  
EXPANSION OF OUTPATIENT DIALYSIS

I, Gerard D. Robilotti Executive Vice President  
(Name)

of Danbury Hospital being duly sworn, depose and state that the  
information provided in this CON Letter of Intent/Waiver Form (2030) is true and accurate to  
the best of my knowledge, and that Danbury Hospital complies with the  
(Facility Name)

appropriate and applicable criteria as set forth in the Sections 19a-630, 19a-637, 19a-638,  
19a-639, 19a-486 and/or 4-181 of the Connecticut General Statutes.

Gerard D. Robilotti  
Signature

November 4, 2004.  
Date

Subscribed and sworn to before me on November 4, 2004

Susan M. Kama  
Notary Public/Commissioner of Superior Court

My commission expires: 9/30/2009

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JUDICIAL CASE ACCESS



## Project Type Listing

Please indicate the number or numbers of types of projects that apply to your request on the line provided on the Letter of Intent Form (Section II, page 2).

### Inpatient

1. Cardiac Services
2. Hospice
3. Maternity
4. Med/ Surg.
5. Pediatrics
6. Rehabilitation Services
7. Transplantation Programs
8. Trauma Centers
9. Behavioral Health (Psychiatric and Substance Abuse Services)
10. Other Inpatient

### Outpatient

11. Ambulatory Surgery Center
12. Birthing Centers
13. Oncology Services
14. Outpatient Rehabilitation Services
15. Paramedics Services
16. Primary Care Clinics
17. Urgent Care Units
18. Behavioral Health (Psychiatric and Substance Abuse Services)
19. MRI
20. CT Scanner
21. PET Scanner
22. Other Imaging Services
23. Lithotripsy
24. Mobile Services
25. Other Outpatient
26. Central Services Facility

### Non-Clinical

27. Facility Development
28. Non-Medical Equipment
29. Land and Building Acquisitions
30. Organizational Structure (Mergers, Acquisitions, Affiliations, and Changes in Ownership)
31. Renovations
32. Other Non-Clinical

## **SECTION IV. PROJECT DESCRIPTION**

**1. Currently, what types of services are being provided? If applicable, provide a copy of each Department of Health license held by the Petitioner.**

Danbury Hospital is proposing to build a state-of-the-art outpatient diagnostic building of approximately 60,000 gross square feet, three stories high with an adjacent parking structure for 669 parking spaces, 287 of which would be surface and 382 would be in the three-story parking garage. There will be up to an additional 18,500 square feet of office and medical space in the parking structure where a dialysis unit and nephrology service will be located. A number of diagnostic services will relocate from the Hospital's inpatient building to this state-of-the-art outpatient facility. This facility will accommodate the latest state-of-the-art technology including wireless services. The goal will be to support the delivery of seamless, high quality, efficient and safe outpatient services where patients will receive superior care, a high level of satisfaction with outcomes that are benchmarked against the best comparable services available in the country. This facility has as a goal the optimal integration of clinical processes.

The building is consistent with the Hospital's long-range plan and its long-range plan for Information Technology. Among the outpatient services to be offered in the building are: Renal Dialysis, Endoscopy, Non-invasive Cardiology, EKG Services, Blood Drawing, Imaging (including Nuclear Medicine), Facilities, Administrative Offices and Physician Offices. The Renal Dialysis service will expand over three years from 15 stations to 20 stations.

The Danbury Office of Physician Services, P.C. (DOPS) will rent office space from Danbury Hospital in the following clinical medical specialties: General Surgery, Nephrology, Gastroenterology, Cardiology and Nuclear Medicine.

No offices will be rented to private physicians not affiliated with DOPS.

**2. What types of services are being proposed and what DPH licensure categories will be sought, if applicable?**

There are no new services, and no new licenses will be required. There will be an expansion and relocation of outpatient imaging and dialysis.

**3. Who is the current population served and who is the target population to be served?**

(See Attachment II.)

**4. Identify any unmet need and how this project will fulfill that need.**

The new facility will improve function and services for a designated outpatient population seeking diagnostic care and professional office practice care in a state-of-the-art facility. It will improve registration, eliminating duplicate registration, centralize waiting and receptioning, and deliver a standardized highly patient focused plan of care. This facility will be a place where patients will experience superior care and customer service, measured by clinical outcomes benchmarking and patient satisfaction questionnaires. It will correct problems that exist today with fragmented, decentralized difficult access for outpatient services at the Hospital. It will improve parking and free-up

valuable space for acute inpatient care needs in the Hospital's main facility and it will take care of the backlog in imaging services as well as serve the increasing demand for renal dialysis services.

State-of-the-art equipment will enhance the delivery of 21<sup>st</sup> century outpatient diagnostic care. The location of the identified physician practices in one building will also be of tremendous value to patients who need to see multiple practitioners for a given clinical problem.

**5. Are there any similar existing service providers in the proposed geographic area?**

No. There are no other full-service hospital outpatient diagnostic buildings that are an integral part of a full-service hospital.

**6. What is the effect of this project on health care delivery system in the State of Connecticut?**

It is anticipated that a state-of-the-art wireless Hospital Outpatient Diagnostic Building will significantly improve the effectiveness of and access to the delivery of outpatient care in the greater Western Connecticut area. For additional comments, please see our response to Question 4.

**7. Who will be responsible for providing the service?**

Danbury Hospital is solely responsible for the project. In addition,

- DOPS physicians will rent space from Danbury Hospital for professional practice offices.
- The Hospital will provide state-of-the-art imaging; the professional component of imaging will continue to be provided by Danbury Radiology Associates, P.C. which has been the Hospital's exclusive provider of physician imaging services for over thirty-five years

**8. Who are the payers of this service?**

**Danbury Hospital  
Outpatient Diagnostic  
FY 2003 12 Months**

Payor	Percentage
Medicare	18%
Medicaid	2%
Non-Gov't.	78%
Self-Pay	2%
Total	100%

**ATTACHMENT II****Population for Danbury Hospital's Primary and Secondary Service Areas**

Zip Code	Town	Total Population		Growth 2001-2006
		2001	2006	
Primary Service Area Towns				
06801	BETHEL	18,081	18,485	2.2%
06804	BROOKFIELD	15,897	16,628	4.6%
06810	DANBURY	45,959	49,847	8.5%
06811	DANBURY	30,086	31,061	3.2%
06812	NEW FAIRFIELD	14,101	14,686	4.1%
06470	NEWTOWN	14,819	15,725	6.1%
06896	REDDING	8,341	8,628	3.4%
06877	RIDGEFIELD	23,972	25,307	5.6%
		171,256	180,367	5.3%
CT Secondary Service Area Towns				
06752	BRIDGEWATER	1,863	1,942	4.2%
06757	KENT	2,205	2,237	1.5%
06776	NEW MILFORD	26,314	27,622	5.0%
06468	MONROE	19,531	20,669	5.8%
06783	ROXBURY	2,156	2,306	7.0%
06784	SHERMAN	4,022	4,425	10.0%
06488	SOUTHBURY	18,864	20,296	7.6%
06794	WASHINGTON DEPOT	956	931	-2.6%
06897	WILTON	17,873	18,846	5.4%
06798	WOODBURY	9,329	9,773	4.8%
		103,113	109,047	5.8%
NY Secondary Service Area Towns				
10506	BEDFORD	5,164	5,270	2.1%
10509	BREWSTER	19,365	20,759	7.2%
10512	CARMEL	22,399	23,979	7.1%
10526	GOLDENS BRIDGE	1,480	1,618	9.3%
10541	MAHOPAC	27,514	29,154	6.0%
10560	NORTH SALEM	5,242	5,568	6.2%
12563	PATTERSON	8,308	9,173	10.4%
12564	PAWLING	6,527	7,146	9.5%
10576	POUND RIDGE	4,829	4,931	2.1%
10589	SOMERS	7,415	8,013	8.1%
10590	SOUTH SALEM	6,719	6,906	2.8%
		114,962	122,517	6.6%
	Connecticut	3,433,957	3,531,744	2.8%

**"GE Company Proprietary and Confidential"****PRELIMINARY PROPOSAL**

**To:** DANBURY HOSPITAL  
24 HOSPITAL AVE  
Danbury, CT 06810-6099

**GE Medical Systems**

**From:** Melissa A Banks  
1400 Computer Drive  
Westborough, MA 01581-5088  
(508) 870-5200

LTQC2G.LTQ01 Thursday, June 24, 2004

<b><u>Qty</u></b>	<b><u>Catalog#</u></b>	<b><u>Description</u></b>	<b><u>Price</u></b>
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**Volume CT - 64 Slices**

1	B7864PH	NPI\$ VCT SYSTEM	
1	S7800YM	LS AW-AW4.2/VV/	
1	S7800ZM	SPECIAL-ADV CTC ON AW4.2	
1	S7800ZT	SPECIAL-CARDIQ FUNC/AW4.2	
1	S7800ZR	SPECIAL-SMRTSC 3.5/AW4.2	
1	S7800YS	SPECIAL-PRO16 SMRTSCRCOMP	
1	B79991EP	CardEP for AW 4.1 and AW 4.2	
1	S7800YP	SPECIAL-PRO16 SNPSHTCOMPL	
1	B7858LC	Flat Panel LCD Monitors for LightSpeed.	

Provides a sleek look and offers a compact design for space-constrained CT departments. Flat panels are much more resistant to magnetic interference and work well for departments with co-located CT and MR units.

Because of the inherent properties of the flat panel technology, it is recommended that the monitor be positioned so that the user is viewing the monitor from a straight-on position. For this reason, flat panels are not recommended for teaching institutions where groups of people need to see diagnostic-quality images from a wide variety of angles. In these situations, CRT monitors provide the best images over most normal viewing angles.

1	B7800KE	English Keyboard	
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1	W0100CT	<p>One 4 δαψ ονσιτε πσιτ το χοινχιδε αιτη σψστεμ σταρτ-υπ</p> <ul style="list-style-type: none"> <li>One 2 δαψ ονσιτε πολλω-υπ πσιτ 6-8 ωεεκο ποστ σψστεμ σταρτ-υπ</li> </ul>	
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**Recommended Training Package**

During the first visit, the applications specialist will work with the medical and technical staff on

basic, intermediate and advanced system operation and patient procedures. The training produces the best results when a dedicated core group of 3-5 CT technologists complete the session with a modified patient schedule. It is suggested that key physicians are available to participate in the direct protocol development and image quality review sessions. By the end of this visit, the core group should be able to perform the routine patient procedures required of the site.

The 2 day revisit is suggested after the staff has run the system for 6-8 weeks, however this is flexible based on the site needs. The training will focus on the intermediate and advanced functions of the system or special needs of the clinical site. The training produces the best results when the same dedicated core group of 3-5 CT technologists from the initial visit complete the session with a modified patient schedule.

12 CE credits are available for four technologists who successfully complete the first onsite curriculum.

6 CE credits are available for four technologists who successfully complete the revisit onsite curriculum.

1	B7850LS	Lspd 16/8/4 SI Shrt Cable
1	S7800YZ	LS PICK 5 PKG-ADV.APPS

**TOTAL NET EQUIPMENT SELLING PRICE**

**\$1,937,248.05**

#### **PRICING PROPOSAL**

General Electric Company is pleased to submit this Pricing Proposal for budgetary purposes only. This Pricing Proposal will be valid until August 23, 2004, unless otherwise indicated herein. If you would like to place an order for the equipment listed herein, your GE Sales Representative will arrange for the preparation and submission to you of a formal GE Quotation, including applicable GE Terms and Conditions, Warranties, and Payment Terms, for your consideration. Only a formal GE Quotation may be used to create a binding order for this equipment. Upon request, your GE Sales Representative can also provide you with information concerning GE training, lease/finance and service agreement options.

**"GE Company Proprietary and Confidential"****PRELIMINARY PROPOSAL**

**To:** DANBURY HOSPITAL  
24 HOSPITAL AVE  
Danbury, CT 06810-6099

**GE Medical Systems**

**From:** Melissa A Banks  
1400 Computer Drive  
Westborough, MA 01581-5088  
(508) 870-5200

LTQC1P.LTQ03 Thursday, June 24, 2004

<b><u>Qty</u></b>	<b><u>Catalog#</u></b>	<b><u>Description</u></b>	<b><u>Price</u></b>
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**Discovery ST - 4 Slice with Upgrade Options****Base System**

1	S9100LA	<b>Discovery ST4 PET/CT Scanner</b>
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The GE Discovery ST4 Whole Body PET/CT System is a State-of-the-art Computed Tomography and Positron Emission Tomography Scanner. The System Combines High Performance 4-slice CT with High Performance PET That is Optimized for Routine 2D and 3D Clinical Studies

The GE Discovery ST4 Scanner Consists of:

- o One Integrated Gantry Containing Slip Ring Design CT X-ray Tube and Multi-slice Detector, Twenty Four PET Detector Rings of Bismuth Germanate (BGO) Crystals, High Speed Acquisition Electronics and PET Image Reconstruction System with Scalable High Performance Array Processor System and Reconstruction Algorithms
- o One Patient Imaging Table with Extended Dual Patient Scan Range, Head Holder, Patient Security Straps and Comfort Accessories with Optional Flat Table Top and Accessories for Radiation Therapy Patient Management.
- o One Integrated Operator Console Featuring: Large Screen Interface for Controlling Scan Acquisition Easily, with Virtually Everything at a Single Glance; Excellent Simultaneity and Multi-tasking Performance; Completely Protocol Driven Scan Control; Highly Flexible Editing Tools Two Large 21 Inch Monitors with 1024 Color Display Capable of Displaying High Resolution PET/CT, PET, CT Images
- o Options for Review Workstations: Full Compatibility with Xeleris and Advantage Windows v4.1+
- o Comprehensive Operator Manuals for Acquisition, Processing and Image Analysis Operations
- o Optional 8-Slice CT Upgrades, Cardiac

Gating, DICOM and Connectivity Enhancements; Optical Disk Storage and Advanced CT Applications Such as a CT Perfusion, CT Calcium Scoring, CT Angiography, etc.

- 1 S9100WS Xeleris PET Desktop - LCD Configuration is the Xeleris Desktop Machine, Loaded with the Xeleris Clinical Application, Bundled with an 18 Inch NEC Liquid Crystal Display Flat Panel Monitor and 2GB of RAM.
- This Configuration Comes Without the DVD-RAM Archive Option. It Comes Standard on the DST/DLS Console. For Additional Archiving Stations on Site, the Archiving Option Should be Ordered in Addition to This Configuration.

#### **Operators Workstation**

- 1 P5051PS Discovery ST Uninterruptible Power Supply

#### **Recommended Accessories**

- 1 E8690AD Discovery ST Pin Source  
For International Use
- 1 E8803BG Workstation Table for Advantage Windows. Large 48 Inch Wide x 30 Inch Deep x 29 Inch High Work Surface. Shelf Holds Laser Camera Interface Out of Sight. Assembly Required, Gray.
- 1 E8803BE Features/Benefits  
 o Physician's Reading Chair, same as one delivered with independent console  
 o Padded Arms for comfort  
 o Charcoal Gray Color blends with many environment
- Specifications  
 o Adjusts from 16 3/4 in. to 21 in. (42.5 cm x 53.3cm)  
 o Graphite and aluminum construction  
 o Does contain magnetic materials- do not use near magnetic fields  
 Weight: 45 lbs.
- Compatibility  
 o For systems purchased prior to 7/1/98  
 o For systems purchased after 7/1/98, see E8001SA  
 o Recommended for Advantage Windows Systems

- 1 E8001KH TDK 9.4GB DVD RAM 2 SIDE

#### **A/W and Networking**

- 1 M80501FL Advantage Workstation 4.2. Includes: Two 18 " flat panel monitors, Volume Viewer, Advanced X-ray Analysis, Data Export, CD-RW, DICOM Print, 2GB RAM. Does NOT support DASM.
- 1 P50801FT **AW 4.1/4.2 Fusion PET/CT Software**  
 Allows 3D registration between two volumetric acquisitions, which may come from different acquisitions modalities (PET/CT or NM/CT).



**Performance**

1 B7500PM

**ConnectPro HIS/RIS Interface Option for LightSpeed and CT/i**

ConnectPro Offers New Levels of Productivity to LightSpeed and CT/i Users By Providing a Direct Connection Between the Facilities Hospital (HIS) or Radiology (RIS) Information System. ConnectPro Simplifies and Eliminates Errors in Patient Data Entry.

Data Available at the Operators Console When Using ConnectPro Includes:

- Requested Procedure Code / Description
- Performed Procedure Step Compatibility (only on LightSpeed)
- Demographic Data - Name, ID, Age, Birthday, Sex, Etc.
- Study UID - Unique ID Number
- Scheduling Info - Dept, Modality, Station Address, Accession #, Date, Time

The Operator Has Three Convenient Ways to Enter Patient Information:

- Type in Unique Identification Number
- Select From a List of Patients

All of This Results In:

- Direct Patient Data Entry
- On-line Access to Schedules
- Display of Patients Scheduled for Current Time of Day
- Full-simultaneity With all Scanner Operations
- Eliminates Errors Critical for "Filmless" Operation
- Enhances Quality of Care
- Obtain Key Data From Your HIS/RIS via modality worklist - Allergies, Pregnancy Status, Medical Alerts
- Easy-To-Use
- User-selectable Filtering and Sorting
- Seamless Integration With LightSpeed and CT/i Interface

**CT Training**

1 W0100CT

One 4 day onsite visit to χοινηχιδε ωπη σψςτεμ σταρτ-υπ

- One 2 day onsite πολλωω-υπ ωισιτ 6-8 ωεεκς ποστ σψςτεμ σταρτ-υπ

**Recommended Training Package**

During the first visit, the applications specialist will work with the medical and technical staff on basic, intermediate and advanced system operation and patient procedures. The training produces the best results when a dedicated core group of 3-5 CT technologists complete the session with a modified patient schedule. It is suggested that key physicians are available to participate in the direct protocol development and image quality review sessions. By the end of this visit, the core group should be able to perform the routine patient procedures required of the site.

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12 CE credits are available for four technologists who successfully complete the first onsite curriculum.

6 CE credits are available for four technologists who successfully complete the revisit onsite curriculum.

**System Options**

1 P5080KR

**Xeleris PET DVD-RAM Drive**

2X Write (2770 KB/s with Verify). 4.0 GB per Side - Double Sided Capacity.

1 P5005TR

**PET Masters Series Physician Training - Physicians Tuition Only**

Entitles an Individual to Attend One of a Variety of GE PET Classes Offered Throughout the United States. These Classes are Taught by Leading Physicians and Scientists who Provide Instruction in PET Imaging. Course Tuition and Course Materials are Included. The PET Masters Series is Balanced with Classwork, Image Interpretation and Small Class Sizes that Ensure Active Participation. Each GE PET Masters Series is Eligible for CME Credits.

**Typical Course Content**

- o Day 1 Summary
  - Introduction
  - PET Imaging Physics
  - FDG Metabolism
  - Fundamentals of Interpretation
  - Lung Cancer - SPN's and NSCLC
  - Case Readout
- o Day 2 Summary
  - Reimbursement/Billing
  - Patient Preparation
  - Acquisition and Processing
  - Neurologic Applications
  - Colorectal Cancer
  - Melanoma
  - Lymphoma
  - Case Readout
- o Day 3 Summary
  - Practical Aspects of Running a PET Center
  - Cardiac Applications
  - Ovarian and Breast Cancers
  - Head and Neck Tumors
  - Other Cancers
  - Artifacts
  - Case Readout

1 P5005PT

**PETech Education Series**

This course is for any nuclear medicine technologist interested in learning PET technology and its clinical applications. There are two sessions for this class. First, technologist takes six on line technology courses and then, participates in a three day in-residence portion for hands on experience. Course offers continuing education credits

1 R0853NT

**This catalogue number is for a quantity of five. If you require more than this you may purchase R0854NT (quantity 10) or adjust the quantity to desired number.**

This PET course is designed to increase physician understanding of clinical PET. Detailed case studies presented by world-renowned PET experts demonstrate how PET impacts cancer detection, cancer staging, and therapy evaluation. In addition to the case studies this course includes a physics review, the basics of image interpretation, an overview of clinical indications, and a summary of PET and CT image fusion technology. There is also information on marketing of PET services and a summary of U.S. reimbursement. This program is designed for physicians performing PET procedures as well as physicians who refer patients for PET studies. Other professionals in diagnostic imaging or oncology will also benefit from the content provided.

1 P5080KT

**Xeleris PET Archive Tower**

Provides additional bays so that a single Xeleris workstation can support a DVD-RAM drive externally and up to 3 MOD drives externally\lang1033

- 2 R0857NT **This catalogue number is for a quantity of 1. If you require more than this you may purchase R0858NT (quantity of 5) or R0859NT (quantity of 10) or adjust quantity to desired number.**

This course, available to order on CD-ROM or as online Web course, is designed to introduce physicians to PET image interpretation. Detailed case studies presented by world-renowned PET experts demonstrate normal distribution of FDG, patient preparation, FDG administration and uptake phase, normal and post-therapeutic variants and artifacts, SUV analysis, clinical image interpretation for diagnosis, staging and restaging, and PET/CT study acquisition and normal and post-therapeutic variants. Course is delivered through asynchronous web-based platform. With the use of streaming video and audio, this platform leverages the video, text, graphics, case studies and CE testing to provide high quality education on demand. Also includes accompanying slides and text transcripts of the presentations which are time-coded and fully synchronized.

- 1 R0743TP 90 Minute Program on PET CT Imaging.  
PET imaging is the fastest growing procedure within the nuclear medicine department. Coupling CT with PET promises to move PET imaging into a new dimension. This program discusses: the fundamentals of PET and helical CT imaging, radionuclides and their applications, and provides an overview of instrumentation. This program provides a good foundation for nuclear departments that are starting to image with hybrid PET/CT scanners. This basic to intermediate level program is intended for all nuclear medicine and PET physicians and technologists. CE credit is available.
- 2 R0866NT This CD-ROM course is for technologists who want to learn about PET imaging. PETech: PET Fundamentals for Technologists includes seven distinct courses and is designed for technologists who work in hospitals, clinics, imaging centers, mobile PET units and other facilities with new or existing PET scanners as well as technologists and other healthcare staff looking for continuing education opportunities. Course topics include: PET Physics, PET Radionuclides, PET Instrumentation, PET Quality Control, PET Anatomy and Pathology, PET Clinical Applications and PET Software Applications. This course offers 8.25 continuing education hours

#### **Nuclear Training**

- 1 W0400NM 6 Day PET Onsite Training
- One 4 day onsite training session coinciding with system start-up
  - One 2 day follow-up visit four to eight weeks post start-up
- 1 W0601PT One 2 day T1P onsite visit for PET Advantage Windows Workstation training.

#### **Other**

- 1 E8007NC **Features/Benefits**  
Stellant Dual injector head with Saline Flush Capability  
Test the injection prior to the procedure, with saline  
Timing bolus with saline flush  
Exclusive Automation Features  
Enhanced Patient Throughput Design  
Real Time Pressure Monitor Graph  
Real time flow profile view  
Scan & inject delay  
Color Touch Screen  
Prime button for automatically priming the tube, with saline  
Remote arming and remote check for air  
Quick and easy syringe installation with priming tube  
Syringe heater for maintaining contrast media at body temperature  
Pause option for programming pauses between phases  
PSI control for adjusting pressure settings to minimize catheter overload  
Customize protocols for 1 to 6 phases  
Adjustable Pedestal offers various height adjustments and locks automatically  
Pedestal mount means mobility in positioning the injector in the room
- Specifications**  
Dual Injector head is 6.1"H x 12.1"W x 14.5" D, weight is 17.9 lb.  
Display Control unit with stand is 13.5"H x 12.5" W x 8.9"D, weight is 8.2 lb.  
Electronics Console is 11.5"H x 11"W x 8.8"D, weight is 13.6 lb.
- Compatibility**  
Compatible with all GE CT scanners

1	R0178NM	Non-discountable
1	R0016CT	Non-discountable
1	R0163NM	Non-discountable
1	W3007HC	3.5 day PET/CT course held in Milwaukee. Travel and modest living expenses included.
1	R0010CT	Non-discountable
1	R0161NM	Non-discountable
1	E8500NB	<b>Pinestar Patient Arm Support System for Nuclear, PET/CT, MRI</b> Flat Base, Coated Arm Support Combines Total Arm Support and Passive Restraint Increasing Patient Comfort During Extended Procedures. Velcro Mounted, Easily Cleaned, Compatible with Most Systems

**TOTAL NET EQUIPMENT SELLING PRICE****\$2,654,645.48****EQUIPMENT OPTIONS**

Upgrade from 4 slice CT to 8 slice CT - \$200,000.00 LIST PRICE Upgrade from 8 slice to 16 slice CT - 350,000.00 LIST PRICE

1	S9111LT	<b>Discovery ST Premium Cardiac Package</b>	<b>\$150,000.00</b>
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SmartScore, Snapshot, CardIQ II, and CardIQ Function Package for Use with Discovery ST.

**SMARTSCORE**

SmartScore Prospective Gating Software for Discovery ST Systems Comes with the New Gantry Style (LightSpeed Ultra and LightSpeed 16). SmartScore Pro is Designed for Computing Coronary Artery, Calcification Scores From a Single Breathhold Helical Scan.

Package Includes the New SmartScore 3.5 Software for the AW 4.1/4.2 with the Newly Improved Configurable Patient Report, a New Invivo 3500 CTP EKG Monitor, PET/CT Gating Kit (Software and Hardware) for Discovery ST, CT 3500 Starter Kit, EKG Simulator Adaptor, and an EKG Simulator.

NOTE: AW 4.1/4.2 with 1 Gig of RAM is the Minimum AW Configuration for This Cardiac Software Configuration. AW 4.2 is Recommended.

#### SNAPSHOT

CardIQ SnapShot for LightSpeed Ultra, and LightSpeed 16 Multi-slice CT Scanners

CardIQ SnapShot (TM) Option is an Integrated Cardiovascular Image Acquisition and Reconstruction Option. The CardIQ SnapShot Software can be Used to Acquire ECG Gated CT Images of Heart Cardiac Anatomy Imaging and Various Other Applications that Require Improved Temporal Resolution to Reduce Heart Motion Effects.

The CardIQ SnapShot is Designed to Produce Optimized Cardiac CT Images with Minimum Cardiac Motion Effects. CardIQ SnapShot Includes the SnapShot Feature (Half-scan conjugate-ray Interpolation/250 ms Temporal Resolution), the Burst Feature (2 Sector/Up to 125 ms Temporal Resolution) and an Upgrade to Burst Plus Capability (4 Sector/Up to 65 ms Temporal Resolution) When Commercially Available.

#### CARDIQ ANALYSIS II

NOTE: Available Only for Advantage Windows 4.1/4.2 with 1 Gig of RAM and Higher, 4.2 Recommended. Volume Analysis II, Volume Rendering, SnapShot Segment

CardIQ Analysis II Option is an Integrated Post Processing Image Analysis Software Dedicated for the Application of Cardiovascular Imaging on GE's Advantage Workstation (Version 4.1 or Later). The CardIQ Analysis II Software Option can be Used to Effectively Display, Reformat and Analyze 2D or 3D Cardiac CT Images for Qualitative or Quantitative Assessment of Heart Anatomy and Coronary Artery Vessels.

One of the Critical Components for an Effective Cardiac CCT Application is a Fully Integrated Post-processing and Analysis Tool Tailored to Cardiac Images. The CardIQ Analysis II Option is Designed to Provide an Easy-to-Use and Time Effective Means for Cardiovascular Imaging Application.

#### CardIQ

NOTE: Available Only for Advantage Windows Version 4.1 or Higher with 1 Gbyte, CardIQ Analysis I

Host ID of Advantage Windows Needed to Place Order for CardIQ Function Software.

CardIQ Function is an Image Analysis Software Package that Allows the User to Non-Invasively Image the Functional Parameters of the Heart. CardIQ Functional Data is Produced While Doing a Coronary CTA Study. The Raw Data From the Study is Processed in Multiple Phases of the Heart From Systole to Diastole. With the Use of CardIQ Analysis II Software Short Axis Images are Produced, and CardIQ Function Software is Launched. The Tool is Designed to Facilitate the Automatic or Manually Detection of the Endocardial and Epicardial Structures of the Left or Right Ventricle. The Software Produces Such Functional Parameters as: End Diastolic and Systolic Volumes, Stroke Volumes, Ejection Fraction, Myocardial Mass, Wall Motion, Wall Thickness and Wall Thickening/Thinning. Report Generation is Also Available.

1 S9111RG

#### **Discovery Advantage 4D CT Respiratory Gating H2-16**

\$55,000.00

Discovery Advantage 4D is a Non-invasive Software/Hardware Option That can be Used to Provide and Display CT Images of All Phases of a Breathing Cycle for the Evaluation of Respiration-induced Motion. The Software Will Allow the User to Retrospectively Define the Best Respiratory Phase From an Image Quality Standpoint, and Group Images by the Phase Selected. Discovery Advantage 4D can Also be Used for Target or Treatment Volume (DICOM Radiation Therapy Structure Sets) Verification.

The Post Processing Software is Designed to Run on the Advantage Windows Workstation 4.1. It Performs the Following Functions:

1. Examines the Motion Profile Generated by the Vendor Devices.
2. Sorts Images by the Phase of the Respiratory Cycle. Generates Multiple Phase Series for 2D, 3D and 4D Viewing.
3. Overlay a Single Contour Over the 4D Movie Loop for Accuracy Verification.

Pre-requisites:

AW 4.1 or Higher  
PET/CT Gating Interface Kit

All Software Packages are Non-transferable to Other Hardware and are Non-returnable.

1	B79001MF	<p>Advantage Sim 6.0 is a Software, Based on the Use of DICOM 3 'CT Slices to Reconstruct a Virtual 3D Patient Model, Dedicated to Radiation Therapy Simulation. It Allows to Define Manually or Automatically Structures in 3D From Axial, Sagittal, or Coronal Real Time Reconstructed Views, and Saved them Under ACR NEMA DICOM RT Structure Set Standard Object, Using Impressive Advantage Workstation Image Manipulation Tools.</p> <p>Users can Define Any Static Geometric Treatment Plan for Any External Beam Treatment Machine Including those that have Variable Spaced Multi-leaf Collimators. Advantage Sim 5.0 can Simulate Any Gantry, Collimator, or Table Rotation, and According to these Machine Parameters, Calculate in Real Time a Digitally Reconstructed Radiograph for Each Beam. These Plans can be Saved and Reloaded Using ACR NEMA DICOM RT Plan and Structure Set Standardized Objects.</p> <p>Pre-requisites:</p> <ul style="list-style-type: none"> <li>o AW 4.0 or Higher.</li> </ul> <p>All Software Packages are Non-transferable to Other Hardware and are Non-returnable.</p>	\$50,000.00
1	E8505P	LAP LASER MARKING SYSTEM	\$43,995.00
1	E8505LF	<p><b>Features/Benefits</b></p> <ul style="list-style-type: none"> <li>• {\*\pn\pnlvblt\pnf4\pnindent360{\pntxtb'B7}}\fi-360\li360\tx360\tx4320\tx8640 Gives precise alignment between CT scan and Radiation Therapy</li> <li>• Allows easy exact repositioning between scans and treatments</li> <li>• Three computer controlled laser positioning units for multiple axis alignment</li> <li>• Calibration and QA phantom included</li> <li>• Plug-in handset for bedside set-up</li> </ul> <p><b>Specifications</b></p> <ul style="list-style-type: none"> <li>• {\*\pn\pnlvblt\pnf4\pnindent360{\pntxtb'B7}}\fi-360\li360\tx360\tx4320\tx8640 Includes desktop PC with Windows software and flat panel monitor</li> <li>• Includes: 3 Moving Laser, Controller Box, 1 Alignment phantom, Cabling Manual and Installation</li> <li>• {\*\pn\pnlvblt\pnf4\pnindent360{\pntxtb'B7}}\fi-360\li360\tx360\tx4320\tx8640 110/220VAC</li> <li>• A3000A-PC-Sys 2</li> </ul> <p><b>Compatibility</b></p> <ul style="list-style-type: none"> <li>• {\*\pn\pnlvblt\pnf4\pnindent360{\pntxtb'B7}}\fi-360\li360\tx360\tx4320\tx8640 CT imaging systems</li> <li>• For sale in the continental United States only</li> </ul>	\$39,995.00
1	P5091RC	<p><b>Discovery ST Enhanced PET Recon Option</b></p> <p>Enhanced Performance Option</p> <p>G4 8 Node Array Processor for the Discovery ST PET/CT System. Brings the Standard 4 Node G4 Array Processor to an 8 Node G4 Configuration. This Option Provides Enhanced PET Reconstruction Performance.</p>	\$30,000.00
1	P5050ZA	<p><b>Discovery ST Jump Start Marketing Kit</b></p> <p>The Customer Marketing Kits include:</p> <ul style="list-style-type: none"> <li>• \nowidctlpar\fi-195\li195\tx1170 Marketing and PR 101 (how to place an Ad, Sample Media</li> </ul>	\$15,000.00

plan, etc)

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- \nowidctpar\fi-195\li195 Marketing Materials (Posters, Billboard Ads, Print Ads, Radio Ads, Telephone hold message, and more)
- Referring Physician promotion items (direct mail, open house, letters)
- Patient Brochure (what to expect from your exam)
- Press Release Sample and Product video for the media
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- \fi-195\li195 Product Fact Sheet and Brochure
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1	E8505MF	RTP COUCH F/DISCOVERY ST	\$12,750.00
1	P5080ME	<b>Emory Cardiac Toolbox (version 2.3) - 1st License</b>	\$10,000.00

The Emory Cardiac Toolbox Offers a Unique combination of Leading Edge Nuclear Medicine Software for Comprehensive Cardiac Analysis.

Protocols Include:

CEqual

- \fi-195\li195 Quantification of Sestamibi (Cariolite) and other Myocardial Perfusion Tracers
- Tomographic Quantification of Rest/Delay and Stress Myocardial Tomograms with Reversibility Plots and Scores
- Includes Five Normal Files - One Day, Two Day Sestamibi, Thallium, Dual Isotope, and Tetrofosmin

Side-by-Side Stress and Rest Reconstruction and Cardiac Oblique Reorientation

- \fi-195\li195 User Defined Default Parameters Including Reconstruction Type, Prefilter, Decay Correction, and Slice Thickness.
- Interactive Tools for Stress Versus Rest Slice Realignment

Slice Review

- \fi-195\li195 Stress Over Rest Formatting of Vertical Long Axis, Horizontal Long Axis, and Short Axis Dataset
- Stress and Rest Raw Data Cines with Line Markers to Evaluate Motion

Emory Gated SPECT (EGS)

- \fi-195\li195 Ejection Fraction Generation
- Volume Curves
- End Diastole, End Systole, and Stroke Volumes
- Cinematic Review for Mid VLA, Mid HLA, and Apical, Mid and Basal Short Axis Slices
- 3D Gated Cines for Septal, Lateral, and Inferior Views

3D PerfSPECTive

- \fi-195\li195 Provides Three Dimensional Information Generated from CEqual and EGS Protocols
- Views include Septal, Lateral, Anterior, Inferior, and Apical
- Coronary Artery Overlays can be Displayed with Three Different Models - Right Dominant, Right Dominant #2, and Left Dominant
- Enhances EGS Protocol by Allowing 3D Gated Cine Review of Polar Maps
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1	P5851JB	<b>PET/CT Gating Interface Kit for Discovery ST (Linux)</b>	\$8,000.00
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Provides an interface to the Discovery ST for prospective gating of the PET and/or CT acquisitions. Only the Invivo 3500 CTP is supported for prospective cardiac gating of PET and CT. The Invivo 3500 CTP ECG Monitor or one of the cardiac analysis packages that includes the Invivo 3500 CTP should be purchased in addition to this item for cardiac analysis applications.

PET/CT Operators Console Software for Prospective Gating License included. This item is for a Discovery ST System with the Xstream/GOC3 Console.

1	P5080ST	Emory Cardiac Toolbox PET Database - 1st License	\$2,000.00
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**PRICING PROPOSAL**

General Electric Company is pleased to submit this Pricing Proposal for budgetary purposes only. This Pricing Proposal will be valid until August 23, 2004, unless otherwise indicated herein. If you would like to place an order for the equipment listed herein, your GE Sales Representative will arrange for the preparation and submission to you of a formal GE Quotation, including applicable GE Terms and Conditions, Warranties, and Payment Terms, for your consideration. Only a formal GE Quotation may be used to create a binding order for this equipment. Upon request, your GE Sales Representative can also provide you with information concerning GE training, lease/finance and service agreement options.



**"GE Company Proprietary and Confidential"**

## PRELIMINARY PROPOSAL

**To:** DANBURY HOSPITAL  
24 HOSPITAL AVE  
Danbury, CT 06810-6099

### **GE Medical Systems**

**From:** Melissa A Banks  
1400 Computer Drive  
Westborough, MA 01581-5088  
(508) 870-5200

LTQC2F.LTQ01 Thursday, June 24, 2004

<u><b>Qty</b></u>	<u><b>Catalog#</b></u>	<u><b>Description</b></u>	<u><b>Price</b></u>
<b>1.5T Signa Infinity</b>			
<b>Base System</b>			
1	M3000DD	EXCITE II SR-120 WITH PA	
1	M1000NW	InSite Interactive Platform Global Modem	
1	M1060JW	1.0T/1.5T and OpenSpeed Magnet Compressor for CXK4 Fixed or Transportable Systems  Compressor for CXK4 Magnet Subsystems for 0.7T, 1.0T or 1.5T Magnet Configurations. Compatible with Fixed and Relocatable Magnet Configurations. Compressor is Water Cooled and All Water Cooling Systems Must be a Closed Loop Design to Eliminate the Possibility of Magnetic Contaminants Entering Into the System. 1.5T CXK4 Magnet Shield Cooler Compressor Defines required Shield Cooler Compressor and associated hardware.	
1	M1060LA	CXK4-150 Active Shield Magnet. Provides New Short Bore CX Magnet Technology with Lower Boil-Off K4 Cryocooler Technology.	
1	M1085BG	1.5T Body Gradient/RF Coil for CXK4 Magnet Design Defines required Gradient/RF Coil hardware.	
1	M3043PD	1.5T FIXED SITE W/O CABLE	
<b>Hardware</b>			
1	M3000RJ	EXCITE Reflex 400 Vector Array Processor with 2-GB BAM	

This scalable reconstruction processor is our fastest yet, capable of 400 2D FFT operations per second on a 256x256 matrix. It includes two gigabytes of Bulk Array Memory (BAM) to achieve outstanding acquisition and reconstruction capabilities and enable the highest possible productivity.

1 M3033CB EXCITE II 8 CHANNEL OPTN

1 E4502FA **Features/Benefits**

- The use of uninterruptible power enables the system imaging to be completed after the loss of supply power, and allows for saving of valuable data and orderly system shutdown
- The UPS eliminates all power anomalies such as noise, transients, overvoltage, and undervoltage, which could damage the imaging system's sensitive computer components
- Improves imaging system reliability, reduces service costs, and increases system up time
- Includes remote wall mounted monitor panel
- Batteries supplied in matching cabinet, including internal battery contactor
- System monitoring via: Power vision software, RS-232 Port, SNMP conversion, Accessory Port, Building Alarm Contacts
- 2 year warranty - 24 hours a day 7 days a week included in price
- Please consult your GE Medical Systems Field Engineer to determine if this is the appropriate product for your needs before purchasing

**Specifications**

- Each 160 KVA On-Line UPS sold individually
- Rating: 160 KVA / 128 KW
- Input Voltage: 480 Volts
- Battery rating: 6 minutes @ 90 KW
- UPS Dimensions (Height x Width x Depth): 73.5 in. x 49 in. x 31.5 in. (1,867mm x 1,245mm x 800mm)
- UPS Weight: 3,150 lbs. (1,429 kg)
- Battery Dimensions (Height x Width x Depth): 73.5 in. x 43 in. x 31.5 in. (1,867mm x 1,092mm x 800mm)
- Battery Weight: 3,150 lbs. (1,429 kg)
- UL 1778 listed, cUL, CAN/CSA C22.02 NO.107.1-M91 listed EN 50091-1
- Input surge protection meets ANSI C62.41 Category AB, EN 50091-2 and EN 50082-2

**Compatibility**

- Tested for use with GE CT & Cardiac Digital Systems (CT Zeus, CT/I, LightSpeed, ProSpeed, Synergy, LXI, FXI, DXI)
- Locate UPS away from patient area

1 M1000NT Color Flat Panel Monitor is an 18 Inch LCD High Resolution 1280 x 1024 Color Monitor. The Flat Panel Monitor Requires Much Less Space on the Operator Table and is Much Lighter.

1 E4503AT **Features/Benefits**

- Provides complete power distribution and emergency off control for the MR power distribution unit and the shield cooler compressor
- Auto restart feature restores power to the shield cooler compressor after power outages, minimizing helium loss to the magnet, resulting in a decrease in downtime
- Reduces installation time and cost by providing a single-point power connection eliminating the need to mount and wire a number of individual components

- Standardized design and testing assures high product quality and system reliability
- Field re-configurable for two power feeds allowing for shield coolers to maintain system integrity by the use of an essential power source
- 

- 1 M1060KM Oxygen Monitor for Use in Siting Signa Systems, 0.5T, 1.0T, and 1.5T.
- 1 M1000MN LX English Keyboard  
Computer keyboard with English characters compatible with LX (SGI) computer platform
- 1 M1000MW LX Wide Operator Console Table.
- 1 M3144PD 1.5T Fixed Cable Config B

#### Software

- 1 S7502MS SIGNA EXCITE 1.5T SCANTOOLS
- 1 M3033MJ VIBRANT Volume Imaged Breast Assessment integrates ASSET technology with a patent pending robust fat suppression technique developed specifically for breast imaging. VIBRANT permits high spatial and high temporal resolution imaging in the sagittal plane acquiring both breasts in the scan time of one.
- 1 S7502JL TRICKS & FT MRA  
This package provides both TRICKS AND FTMRA. TRICKS Time Resolve Imaging of Contrast KineticS combines intricate temporal sampling with complex data recombination to accelerate the temporal resolution of 3D dynamic imaging without compromising spatial resolution. TRICKS eliminates timing, triggering and venous contamination--just inject and scan. Different vascular phases provide dynamic information and can be extracted quickly and easily after image acquisition.  
FTMRA Fluoro-Triggered MRA allows the operator to manually trigger contrast enhanced vascular acquisitions at the desired level of vessel enhancement. The switchover takes less than one second, and the result is extremely accurate.
- 1 M3033MA PROPELLER Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction is a revolutionary technology based on Fast Spin Echo. PROPELLER collects radial blades of data rotating in sequence until the image acquisition is complete. PROPELLER has low sensitivity to motion artifacts and high contrast-to-noise properties making it ideal for producing robust, high-resolution image quality in otherwise challenging circumstances.
- 1 M3090MA PROBE 2000 enables 2D single-voxel and 2D multi-voxel proton brain spectroscopy. This image-guided clinical spectroscopy package allows evaluation of the relative concentrations of in-vivo metabolites non-invasively with the capability to create parametric metabolite maps.
- 1 S7502JW The Advanced Cardiac Pak includes FGRE-ET, FGRE-ET Real Time, Spiral, Spiral Real Time and 2D Delayed Enhancement. Order in conjunction with iDrivePro Plus which is a pre-requisite.
- 1 M3090LP EchoPlus diffusion-weighted imaging provides a diffusion-weighted single shot echo-planar imaging technique used for the detection of acute and hyperacute stroke. EchoPlus includes SS-EPI and FLAIR-EPI, isotropic diffusion-weighted imaging and online image processing.
- 1 M3033KS ASSET parallel imaging is an ultra-fast imaging technique that can be used to reduce scan time, increase spatial resolution, obtain more slices, or increase temporal resolution with compatible

phased array coils.

- 1 S7502JP The Basic Cardiac PakCardiac includes 2D FIESTA, Cardiac Tagging and iDrivePro Plus.
- 1 S7502JS ConnectPro Plus enables DICOME Worklist Server Class and Performed Procedure Step.

#### Surface Coils

- 1 M3087JB 8 CH NEURO-VASCULAR ARRAY
- 1 M3087JE 1.5T 8-CH BODY ARRAY
- 1 M3087JA The 1.5T 8 Channel Brain Array is optimized for high SNR, high spatial resolution, fast acquisition brain imaging. The coil collects and digitizes 8 independent signal channels and is optimized for parallel imaging (ASSET) with a factor of 2. The coil provides an S/I coverage of 30 cm and is typically used for brain imaging, intracranial MRA, and pediatric imaging. The coil is only compatible with 8 channel EXCITE systems.
- 1 M3087JC 1.5T 8-CH CTL SPINE COIL
- 1 M3087JD 1.5T 8-CH CARDIAC COIL
- 1 M1087HW The MRID Wrist array is a 4 channel phased array designed for high resolution imaging of the wrist/hand.
- 1 M1087BT The MRID Breast Array is optimized for imaging the breast in a bilateral or unilateral mode. The sensitive volume of the coil covers both breasts and axillae as well as the adjacent chest wall.
- 1 M1087CA The GEMS 1.5T Cardiac coil is a 4 channel receive only phased array designed for optimum cardiac imaging. The coil requires phased array compatibility. Do not order this coil for 55 cm Advantage systems.
- 1 M1087SD The MRID Shoulder Array coil is a 3 channel phased array designed for optimized imaging of the shoulder structures. The two coil set includes a 20 cm large and a 16.5 cm medium coil.
- 1 M1085AC The GE 1.5T Linear Extremity coil is optimized for imaging the lower extremity. The coil has a maximum FOV of 18 cm.

#### Recommended Accessories

- 1 E8823A MR Accessories Kit. Consists of a complete set of coated positioning pads in a lightweight tote case that can be a permanent fixture in an MR suite or can be easily carried from room to room. Also provides storage area for other accessories such as earplugs, electrodes, and film leads. The following pads are included:
  - 1 Knee Rest
  - 1 Knee Coil Insert
  - 1 Extremity Rest

- 4 Segment Table Pads
- 4 Body Wedges
- 4 Rectangle Stack Pads
- 2 Rectangle Elbow Pads
- Sold per kit
- 

- 1 E8803BE      Features/Benefits
- o Physician's Reading Chair, same as one delivered with independent console
  - o Padded Arms for comfort
  - o Charcoal Gray Color blends with many environment

Specifications

- o Adjusts from 16 ¾ in. to 21 in. (42.5 cm x 53.3cm)
- o Graphite and aluminum construction
- o Does contain magnetic materials- do not use near magnetic fields
- Weight: 45 lbs.

Compatibility

- o For systems purchased prior to 7/1/98
- o For systems purchased after 7/1/98, see E8001SA
- o Recommended for Advantage Windows Systems

- 1 E8804LA      **TopSpins SmartSet MR Contrast Injection Kit**

**This is a recommended (Not Required) accessory item for Smart Prep2000 , FT MRA, FGRE-ET acquisition sequences**

Features/Benefits

- Increases the reliability of bolus timing
- Minimizes the bolus gap during the switch of gadolinium to saline flush
- Tubing designed specifically for the dynamic gadolinium injections of MRA or MRI
- Swivel Lock to prevent IV separation from angiocatheter
- Two inputs for simultaneous attachment of contrast and flush syringes
- Check valves automatically switch between contrast and flush
- Kink resistant
- Adjustable length
- Transparent
- Latex-free

Specifications

- Length fully extended: 72 inches (183 cm)
- Length fully coiled- 6 inches: (15 cm)
- Sterile packed
- Shipping weight 3 Lbs. (1.4 kg)
- Shipping Dimensions 12x7.25x8.25 Inches (30 x 18 x 21 cm)
- Quantity- 30
- Part Number 001.4

Compatibility

- MR systems

- 1 E8802MC      WIDE SECURITY STRAPS

- 1 E8802MD      NARROW SECURITY STRAPS

**Electronics**

- 1 M3088TL Engineered to cool the magnet coldhead, or the gradient subsystems, a 10KW chiller is mandatory on both Twin and 3T gradients. This air-cooled chiller is the perfect solution. The same unit can be used either indoors or outdoors.
- 1 S7502PS Engineered to cool the magnet and gradient subsystems, a chiller is mandatory for an MR system. This wide-open chiller, powered by either 50-Hz or 60-Hz electricity, is optimized to lower power consumption and the corresponding operating costs.
- 1 M3090LK EX-II SRFD

**Service/IIS/Training**

- 1 M1099MC **Additional Clinician Training Voucher**  
Entitles an Individual to Attend One of a Variety of GE MR Sponsored Classes Offered Throughout the United States. These Classes are Taught by Leading Physicians Who Provide Cutting Edge Insight Into the Acquisition and Interpretation of MR Data. The Voucher Includes Course Tuition, Course Materials, a \$300 Airfare Allowance, on Site Breakfast and Lunch (on Class Days), and \$100 Daily Stipend for Dinner and Lodging.
- 1 M1099MD **Clinician Training Voucher**  
Entitles an Individual to Attend One of a Variety of GE MR Sponsored Classes Offered Throughout the United States. These Classes are Taught by Leading Physicians Who Provide Cutting Edge Insight Into the Acquisition and Interpretation of MR Data. The Voucher Includes Course Tuition, Course Materials, a \$300 Airfare Allowance, on Site Breakfast and Lunch (on Class Days), and \$100 Daily Stipend for Dinner and Lodging.

**MR Training**

- 1 W0901MR Blended 4+8 MR System Training (TiP Onsite + TiP Virtual Assist).
- 1 W0951MR 10 hours remote TiP Virtual Assist training for MR AW.

**Other**

- 1 R0056MR Non-discountable
- 1 R0055MR This Course is Delivered Over the Internet as eLearning. It is Part 1 in a 2 Part Curriculum Focused on the MR Signa Horizon Platform.  
Non-discountable
- 1 R0059MR Non-discountable
- 1 W0001MR 1 Day MR onsite applications training provided from 8AM to 5PM, Mon. through Fri..

**TOTAL NET EQUIPMENT SELLING PRICE****\$2,536,630.46****EQUIPMENT OPTIONS**

1	M80501FL	Advantage Workstation 4.2. Includes: Two 18 " flat panel monitors, Volume Viewer, Advanced X-ray Analysis, Data Export, CD-RW, DICOM Print, 2GB RAM. Does NOT support DASM.	\$122,000.00
1	K2060JM	RA600 V6.1 REV 2B	\$54,500.00
1	M10331ND	FUNCTOOL PERFORMANCE FOR AW 4.1 AND 4.2	\$50,000.00
3	K2060KD	RA600 V6.1 STD 1C FP	\$66,900.00
4	S6575N	BURN BABY BURN PROMO	\$78,000.00
1	M80501AB	Automatically segment bone from CTA abdominal and extremity acquisition. Transparency control allows operator to dial in bony landmarks for Vascular surgeon.	\$15,000.00
6	K2031KD	CENT RA6 MIP/MPR SW MOD	\$50,088.00
3	K2031KA	CNT RA6 SNL MD ARC SW MOD	\$20,850.00
7	K2031K	CNT RA6 DICM PRNT S/W MOD	\$43,736.00
3	K2060LF	RA600 V6.1 SINGLE DVD HW	\$10,500.00
1	M1099JA	Interactive Orthopedic CD	\$1,000.00

David Stoller, MD and Primal Pictures, a Cutting Edge Medical Graphics and Imaging Company, Present This Set of CD-ROMs on the Radiology of the Joints. The CDs Include Complete 3D Anatomy, Rebuilt From MR and CT Data. This Allows You to Cut Through Orthogonal Slices of the 3D Model in any Plane and the Orthogonal View can be Correlated to a Source MR Image. Additionally Every CD-ROM Allows You to Export Text and Images Into Your Own Programs for Educational Presentations.

**PRICING PROPOSAL**

General Electric Company is pleased to submit this Pricing Proposal for budgetary purposes only. This Pricing Proposal will be valid until August 23, 2004, unless otherwise indicated herein. If you would like to place an order for the equipment listed herein, your GE Sales Representative will arrange for the preparation and submission to you of a formal GE Quotation, including applicable GE Terms and Conditions, Warranties, and Payment Terms, for your consideration. Only a formal GE Quotation may be used to create a binding order for this equipment. Upon request, your GE Sales Representative can also provide you with information concerning GE training, lease/finance and service agreement options.

"GE Company Proprietary and Confidential"

## PRELIMINARY PROPOSAL

To: DANBURY HOSPITAL  
24 HOSPITAL AVE  
Danbury, CT 06810-6099

**GE Medical Systems**

From: Fritz Dehn  
1400 Computer Drive  
Westborough, MA 01581-5088  
(508) 870-5200

M3FC89.M3F03 Monday, November 01, 2004

Qty	Catalog#	Description	Price
		<b>GE Infinia with Hawkeye Nuclear Camera System</b>	
		<b>Base System</b>	
1	S8004WN	<p><b>Infinia Hawkeye Integrated with Xeleris 1.1</b></p> <p>Infinia is a Premium, High Performance, All Purpose Dual Detector Imaging System, with Extra Large Rectangular FOV Detectors Positioned in Flexible Geometries.</p> <p>Elite Digital Detectors:</p> <ul style="list-style-type: none"> <li>o 9.5 mm (3/8 Inch Crystal Thickness)</li> <li>o 59 High Quantum Efficiency PMT's - Each Coupled with One ADC per PMT</li> <li>o High Precision, Distortion-free Signal Processing and Event Positioning System</li> <li>o Extra Large, Rectangular FOV: 540 mm x 400 mm (21.25 Inches x 15.75 Inches), with No Corners</li> <li>o Shielded for 40-511 keV Energy Range</li> <li>o Shaped Detector Housing Design Minimizes Dead Space for Both 90 Degree Cardiac and 180 Degree Brain SPECT Scans</li> </ul> <p>Flexible Gantry:</p> <ul style="list-style-type: none"> <li>o Slip-ring Gantry</li> <li>o Externally Mounted Detectors</li> <li>o Automatic, Application Specific Home Positioning for Both Table and Detectors</li> <li>o Real-time Gantry Status Display</li> <li>o Intuitive Icon-based 20 Function Handset Mounted on a Convenient Boom Stand</li> <li>o On-line Automatic Body Contouring System</li> <li>o Adjustable Scanning Radius for Both 90 Degree and 180 Degree SPECT Scans</li> <li>o 180 Degree WB/SPECT, 90 Degree SPECT, 0 Degree Horizontal Planar, and 180 Degree Vertical Planar (Detectors Facing Out) Positions</li> <li>o Semi-automated, Fast, Dual Collimator Changing</li> </ul> <p>Hawkeye Integrated CT System</p> <ul style="list-style-type: none"> <li>o Non-clinical Diagnostic CT System Provides Attenuation Correction and Functional Anatomic Mapping</li> <li>o Both the X-ray Unit and the CT Detector Mounted on the Slip-ring Gantry</li> <li>o Round-shaped Exterior Rotor Covers</li> <li>o Compact X-ray Unit</li> <li>o Dedicated CT Detector with 384 1.8 x 28 mm CdWO4 Detectors</li> <li>o CT Acquisition and Reconstruction S/W Package</li> <li>o Quality Assurance Phantom</li> </ul> <p>Imaging Acquisition Station</p> <ul style="list-style-type: none"> <li>o 2.8 GHz Pentium-IV Processor</li> <li>o Windows-based Common User Interface</li> <li>o 1 GByte RAM</li> <li>o 36 GByte Formatted SCSI Hard Disk</li> <li>o Windows Multi-tasking, Multi-window Environment</li> <li>o Connectivity via DICOM 3.0</li> </ul>	



The Xeleris Functional Imaging Workstation is a NM, PET, NM/CT, and PET/CT Processing, Analysis, and Review System - Desktop Configuration.

#### Connectivity Features/Solutions

- o NM and PET DICOM 3.0 Support
- o CT/MR DICOM Support as an SCP and SCU
- o DICOM Part 10 Import and Export via Various Electronic Formats
- o Interfile Version 3.3 Import and Export

#### Workflow/Productivity Benefits Including

- o Ignite Workflow Technology
- o Liberty (TM) Protocol Optimization
- o Aladdin Programming Environment

#### Xeleris 1.1 Workstation Specifications

- o Tower PC
- o 3.2 GHz Pentium 4 Processor
- o Intel 875 Chipset with Dual Memory Channels (4.2 GB/s Throughput) and 800-MHz System Bus
- o Windows XP Operating System
- o 1 GB DDR RAM (Expandable to 4 GB)
- o 73 GB Ultra320 SCSI Hard Drive 10,000 rpm
- o Database Capability: 45 GB or 2500 Studies (Whichever Comes First)
- o High Resolution Graphics Card (AGP)
- o 3Com 10/100BaseT Ethernet Card
- o Internal 3.5 Inch Floppy Drive 1.44 Mbytes
- o Internal CD-RW
- o PS/2 101 Key English Keyboard

#### Broadband Connectivity

The Infinia comes standard with the ability to connect to your broadband/highspeed network. This VPN (Virtual Private Network) connection to GE is a single point of access using the latest security technology - 3DES Encryption - and provides faster data transfer for increased system uptime and productivity.

#### Collimator

##### 1 H2505TJ **Infinia Low Energy High resolution Collimators**

Includes:

- \fi-195\li195 Two LEHR Collimators
- 
- \fi-195\li195 Collimators Mounted on a Dedicated Collimator Cart
- 

##### 1 H2505TK **Infinia Medium Energy General Purpose Collimators**

Includes:

- \fi-195\li195 Two MEGP Collimators
- Collimators Mounted on a Dedicated Collimator Cart
- 

##### 1 H2505TL **Infinia High Energy General Purpose Collimators**

Includes:

- \fi-195\li195 Two HEGP Collimators
- 
- \fi-195\li195 Collimators Mounted on a Dedicated Collimator Cart
- 

#### Quality Control

##### 1 H3602MS **Infinia Bar Phantom**

#### Options and Accessories

- 1 H2508LK **SONY 4.1GB, Re-Writable Magneto Optical Drive**  
4.1 Gigabyte, 5.25 Inch Re-Writable SONY Magneto Optical Drive for Xeleris, eNTEGRA Workstation or GENIE P&R systems
- 1 H2508WD **Fixed Head Holder - Optimized for Camera Based PET and Hawkeye**  
The Fixed Design of the New Head Holder Provides an Extremely Stable Support Device to the Patient's Head During Tomographic Brain Scans. Based on a Metal-Free Thin Carbon Fiber the New Head Holder is Designed to Optimize the Quality of High Energy Imaging and Hawkeye CT Scans . Minimizing Potential Attenuation Artifacts Associated with Metal Parts. Ergonomic Design Maximizes Scanning Resolution, while Increasing Patient Comfort and Clinical Ease of Use. Made Completely of a Low Attenuation Carbon Fiber, the Headholder Features Maximal Fit to Individual Patient Anatomy. It is Attachable to the Infinia and Millennium VG Patient Tabletop Via Adhesive Velcro Strips which Make its Mounting/Dismounting both Fast and Easy.
- 1 E6900AE **Two Monitor Workstation with Adjustable Work Surface.**  
Features:  
  - 195 Work Surface That is Individually Height Adjustable
  - Cold Rolled Steel Frame With Epoxy Power Coated Paint Finish
  - Particle Board Core Top With High Pressure Laminate Finish
  - Tilt, Height Adjustable, and Retractable Keyboard Tray
  - Grommet Outlets, CPU Cradle, Mobile File Pedestals, Wire Management
  - Double Casters (4), 2 Locking, Fully Assembled
  -
- 1 H3700JL **Xeleris Americas Configuration Kit**  
Includes Isolation Transformer, U.S. Keyboard, and Language Kit.  
  
**Hardware**
- 1 H2505ZD **Infinia 10 KVA UPS**  
3 Phase 10 KVA Uninterruptible Power Supply (UPS) required for all Infinia and Infinia Hawkeye Cameras in North America.  
  - o 37in high x 16in wide x 33in deep
  - o 644 lbs with batteries
  - o 444 lbs without batteries
  - o 3x208 VAC voltage
  - o Backup Time 45 min - 2KW load
  - o Battery Recharge Time - Approx 6-8 hours
- 1 S8006JD **17" LCD Acquisition Station Monitor with Computer Cart**
- 1 H3300TC **Black 18 Inch LCD Color Monitor for Xeleris, eNTEGRA and POWERstation LNX.**  
This Small Footprint LCD Color Monitor From NEC Features an Ultra-thin Frame Design.  
For use with Xeleris, eNTEGRA and POWERstation LNX
- 1 E4502KB **Features/Benefits**  
The use of uninterruptible power enables the system imaging to be completed after the loss of supply power, and allows for saving of valuable data and orderly system shutdown  
The Online Double Conversion UPS eliminates all power anomalies such as noise, transients, over-voltage, and under-voltage, which could damage the imaging system's sensitive computer components  
Front Panel LCD Display indicator indicates line, bypass, inverter, backup, fault, battery capacity, load capacity, I/P and O/P voltage, I/P and O/P frequency, inside temperature of UPS

Improves imaging system reliability, reduces service costs, and increases system up time.  
 Advanced Battery Management Plus uses sophisticated battery sensing technology to keep the batteries in sleeping mode if there is small or no loading detected. The two-step battery recharging technology auto charges the battery when it is needed to prevent the temperature from becoming too high, making the battery life longer.  
 Smart RS-232 Communication Port - Establish link between the UPS and the computer through a cable connect to the RS-232 communication port to detect power failure, battery life, schedule UPS on/off, and AC power status display.  
 Warranty: 2 year on UPS, 1 year on Battery.  
 Please consult your GE Medical Systems Field Engineer to determine if this is the appropriate product for your needs before purchasing.

#### **Specifications**

Each 2 KVA UPS sold individually

Additional battery backup available

Nominal Voltage: 120 Vac

Frequency: 50/60 Hz, auto-sensing

Battery Back-Up Time: 9 min. Full Load, 25 min. Half Load

UPS Dimensions (Width x Depth x Height): 7.6 in. x 18.1 in. x 15.2 in. (192mm x 460mm x 385mm)

UPS Weight: 70.4 lbs. (32 kg)

#### **Compatibility**

Tested for use with:

GE Ultrasound systems: LOGIQ 500, LOGIQ 700, LOGIQ 9, System FiVe, Vivid 7, Vivid 7 Pro

GE Nuclear Medicine systems: Millenium MG, Millenium MPR, Millenium MPS, Optima

Locate UPS away from patient area

Customer is responsible for rigging and arranging for installation with a certified electrician

**ITEM IS NON-RETURNABLE AND NON-REFUNDABLE**

#### **Nuclear Training**

1 W0300NM

#### **2 Day Workstation Training**

One 2 day onsite training session

#### **Other**

1 H2508PT

#### **5mm "Fine Step" Option for Hawkeye (R)**

Optional feature for Infinia Hawkeye and InfiniaVC Hawkeye systems. Option improves definition and resolution in the coronal and sagittal planes of a Hawkeye acquisition over a 20 cm field-of-view.

For Infinia systems installed prior to August 1, 2004, system will also require software and hand-controller upgrade (H2508PY). Consult with Sales Rep to identify correct solution.

1 H2600SP

#### **SEGAMI NeuroGam for Xeleris/ eTEGRA**

Segami's NeuroGam(TM) Software is a Quantification and Review Package for Cerebral Tomography.

Features Include:

- {\*\pn\pnl\blt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\fi195 Talairach Transformation

- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Normal Database Comparison
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Definition of Brodman Area Templates
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 3D Volume of Interest Based Quantification
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Supports Major SPECT and PET Pharmaceuticals Including: Ceretec, ECD, 99mTc-HMPAO, 201TL, 123I-IMP, 18FDG, and DatScand
- 

1 H2600SN **SEGAMI NeuroMatch for Xeleris/eNTEGRA**

Automatic Brain registration and characterization protocol for cerebral SPECT & MRI

1 W0100NM One 4 day onsite visit to coincide with system start-up

1 H2600MB **QuantEM Software for Xeleris/ eNTEGRA**

- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Quantitative Analysis for Tc-99m Mag 3 Renography.
- Includes Syringe Holder and Gates Adapter.
- Includes Whole Kidney and Cortical Renogram Analysis, and Camera Clearance Determination.
- 

1 H3800NA DICOM Viewer for Xeleris 1.1

Allows the creation of DICOM CD ROMs that contain PET/CT studies and an imbedded image viewer. The viewer allows the display of the PET, CT, and PET/CT fused images contained on the CD and incorporates basic image adjustment features. Not for diagnostic use.

1 W0200NM One 2 day onsite training session

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**TOTAL NET EQUIPMENT SELLING PRICE**

**\$518,887.90**

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**EQUIPMENT OPTIONS**

1 H2505TN **Fan-Beam LEHR Collimators for Infinia**

**\$27,750.00**

Fan-Beam Low-Energy High-Resolution Collimators for Brain SPECT studies on Infinia and InfiniaVC systems. Option includes Cart and 2 Collimators.

For Infinia systems installed prior to August 1, 2004, this option will also require a Software and Hand-Controller Upgrade (H2508PY). Consult with your Sales Rep to determine the Proper Configuration.

1	H2505TM	Infinia Pinhole (High Energy) Collimator Includes:	\$16,500.00
		<ul style="list-style-type: none"> <li>• \fi-195\li195 One Pinhole (High Energy) Collimator.</li> <li>• Collimator is Mounted on a Dedicated Collimator Cart.</li> <li>•</li> </ul>	
1	H2505TH	<b>Infinia Low Energy General Purpose Collimators</b>	\$16,500.00
		Includes:	
		<ul style="list-style-type: none"> <li>• Two LEGP Collimators</li> <li>•</li> <li>• \fi-195\li195 Collimators Mounted on a Dedicated Collimator Cart</li> <li>•</li> </ul>	
1	H3700KR	<b>Xeleris DVD Drive</b>	\$7,500.00
		2X Write (2770 KB/s with Verify). 4.0 GB per Side - Double Sided Capacity.	
1	H2505ZA	<b>Pediascan</b>	\$7,500.00
		Pediatric examination table for use with MPR/MPS (with three axis table), MG/MC, VG, Infinia and Hybrid cameras	
1	H3700KT	<b>Xeleris Archive Tower</b>	\$562.50
		Provides additional bays so that a single Xeleris workstation can support a DVD-RAM drive internally and up to 2 MODs externally\lang1033	
1	E8500NC	Patient Leg Rest for Nuclear, PET/CT, MRI	\$168.00
		Helps prevent low back stress and pain that occurs during supine imaging and treatment. Velcro mounted, easily cleaned, compatible with most systems	

Total 595,368.40

#### PRICING PROPOSAL

General Electric Company is pleased to submit this Pricing Proposal for budgetary purposes only. This Pricing Proposal will be valid until December 31, 2004, unless otherwise indicated herein. If you would like to place an order for the equipment listed herein, your GE Sales Representative will arrange for the preparation and submission to you of a formal GE Quotation, including applicable GE Terms and Conditions, Warranties, and Payment Terms, for your consideration. Only a formal GE Quotation may be used to create a binding order for this equipment. Upon request, your GE Sales Representative can also provide you with information concerning GE training, lease/finance and service agreement options.

# 2

**"GE Company Proprietary and Confidential"****PRELIMINARY PROPOSAL**

**To:** DANBURY HOSPITAL  
24 HOSPITAL AVE  
Danbury, CT 06810-6099

**GE Medical Systems**

**From:** Fritz Dehn  
1400 Computer Drive  
Westborough, MA 01581-5088  
(508) 870-5200

M3FC93.M3F01 Monday, November 01, 2004

<u>Qty</u>	<u>Catalog#</u>	<u>Description</u>	<u>Price</u>
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**GE Infinia Dual Head with Hawkeye CT/SPECT****Base System**

1	S8004WN	<b>Infinia Hawkeye Integrated with Xeleris 1.1</b>	
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Infinia is a Premium, High Performance, All Purpose Dual Detector Imaging System, with Extra Large Rectangular FOV Detectors Positioned in Flexible Geometries.

**Elite Digital Detectors:**

- o 9.5 mm (3/8 Inch Crystal Thickness)
- o 59 High Quantum Efficiency PMT's - Each Coupled with One ADC per PMT
- o High Precision, Distortion-free Signal Processing and Event Positioning System
- o Extra Large, Rectangular FOV: 540 mm x 400 mm (21.25 Inches x 15.75 Inches), with No

**Corners**

- o Shielded for 40-511 keV Energy Range
- o Shaped Detector Housing Design Minimizes Dead Space for Both 90 Degree Cardiac and 180 Degree Brain SPECT Scans

**Flexible Gantry:**

- o Slip-ring Gantry
- o Externally Mounted Detectors
- o Automatic, Application Specific Home Positioning for Both Table and Detectors
- o Real-time Gantry Status Display
- o Intuitive Icon-based 20 Function Handset Mounted on a Convenient Boom Stand
- o On-line Automatic Body Contouring System
- o Adjustable Scanning Radius for Both 90 Degree and 180 Degree SPECT Scans
- o 180 Degree WB/SPECT, 90 Degree SPECT, 0 Degree Horizontal Planar, and 180 Degree Vertical Planar (Detectors Facing Out) Positions
- o Semi-automated, Fast, Dual Collimator Changing

**Hawkeye Integrated CT System**

- o Non-clinical Diagnostic CT System Provides Attenuation Correction and Functional Anatomic

**Mapping**

- o Both the X-ray Unit and the CT Detector Mounted on the Slip-ring Gantry
- o Round-shaped Exterior Rotor Covers
- o Compact X-ray Unit
- o Dedicated CT Detector with 384 1.8 x 28 mm CdWO4 Detectors
- o CT Acquisition and Reconstruction S/W Package
- o Quality Assurance Phantom

**Imaging Acquisition Station**

- o 2.8 GHz Pentium-IV Processor
- o Windows-based Common User Interface
- o 1 GByte RAM
- o 36 GByte Formatted SCSI Hard Disk
- o Windows Multi-tasking, Multi-window Environment
- o Connectivity via DICOM 3.0

The Xeleris Functional Imaging Workstation is a NM, PET, NM/CT, and PET/CT Processing, Analysis, and Review System - Desktop Configuration.

**Connectivity Features/Solutions**

- o NM and PET DICOM 3.0 Support
- o CT/MR DICOM Support as an SCP and SCU
- o DICOM Part 10 Import and Export via Various Electronic Formats
- o Interfile Version 3.3 Import and Export

**Workflow/Productivity Benefits Including**

- o Ignite Workflow Technology
- o Liberty (TM) Protocol Optimization
- o Aladdin Programming Environment

**Xeleris 1.1 Workstation Specifications**

- o Tower PC
- o 3.2 GHz Pentium 4 Processor
- o Intel 875 Chipset with Dual Memory Channels (4.2 GB/s Throughput) and 800-MHz System Bus
- o Windows XP Operating System
- o 1 GB DDR RAM (Expandable to 4 GB)
- o 73 GB Ultra320 SCSI Hard Drive 10,000 rpm
- o Database Capability: 45 GB or 2500 Studies (Whichever Comes First)
- o High Resolution Graphics Card (AGP)
- o 3Com 10/100BaseT Ethernet Card
- o Internal 3.5 Inch Floppy Drive 1.44 Mbytes
- o Internal CD-RW
- o PS/2 101 Key English Keyboard

**Broadband Connectivity**

The Infinia comes standard with the ability to connect to your broadband/highspeed network. This VPN (Virtual Private Network) connection to GE is a single point of access using the latest security technology - 3DES Encryption - and provides faster data transfer for increased system uptime and productivity.

1 S8003JS

**2nd + Xeleris 1.1 Workstation Promo - Desktop Version**

The Xeleris Functional Imaging Workstation is a NM, PET, NM/CT, and PET/CT Processing, Analysis, and Review System - Desktop Configuration.

**Comprehensive Clinical Library Features Include:**

- o Myovation (TM) Cardiology Suite for NM and PET
- o Volumetrix (TM) Tomography Suite for the Review of Single and/or Multi-modality Studies Including NM, PET, SPECT/CT and PET/CT
- o SPECT Motion Correction (Stasis & Hopkins Method)
- o SPECT/CoDe Iterative Reconstruction
- o SPECT Compare for Comparison of Two Sets of 3-Plane Slices
- o First Pass EF Analysis
- o Cardiac LV EF Analysis for Planar Gated Blood Pool
- o L-R Shunt Analysis
- o Renal Analysis for Renal Perfusion and Functional Calculation
- o Whole Body Bone & Spots Review
- o Dynamic PET Analysis and Review
- o Whole Body SPECT
- o Gall Bladder Ejection Fraction
- o Gastric Emptying
- o Esophageal Motility Analysis
- o Lung Ventilation and Perfusion Analysis
- o Chang Attenuation Correction

- o Cerebral Blood Flow Segmentation Protocol
- o Thyroid Spot Review
- o Thyroid Uptake Index
- o Parathyroid Imaging Analysis
- o Time Activity Curves, Histogram Analysis, and ROI Statistical Analysis
- o Database Tools for Updating Study Information
- o AVI Movie and JPEG Screen Capture Creation

**Connectivity Features/Solutions**

- o NM and PET DICOM 3.0 Support
- o CT/MR DICOM Support as an SCP and SCU
- o DICOM Part 10 Import and Export via Various Electronic Formats
- o Interfile Version 3.3 Import and Export
- o Legacy STP Connectivity for the DS-Series Gamma Cameras

**Workflow/Productivity Benefits Including:**

- o Ignite Workflow Technology
- o Liberty (TM) Protocol Optimization
- o Fast & Flexible Search Locates Patients on Any Networked Xeleris
- o Inbox Tool to Review Waiting Datasets and Forward Exams or Reports

**Aladdin Programming Environment:**

- o Visual Basic Based User Protocol Development Environment
- o Create Protocols by Recording Actions on the Processing Card

**Xeleris Workstation Specifications:**

- \lang1040 o Tower PC
- o 3.2 GHz Pentium 4 Processor
- \lang1033 o Intel 8755 Chipset with 800MHz front side bus
- o Windows XP Operating System
- o 1 GB DDR RAM (Expandable to 2 GB)
- o 73 GB Ultra320 SCSI Hard Drive 10,000 rpm
- o Database Capability: 45 GB or 2500 Studies (Whichever Comes First)
- o AGP 8x Graphics Interface
- o Integrated Gbit (10/100/1000MB) Ethernet adapter by Broadcom
- o Internal 3.5 Inch Floppy Drive 1.44 Mbytes
- o CD-RW/DVD ROM Drive Combo
- o PS/2 101 Key English Keyboard
- \lang1040 o Norton Anti Virus - 2004 OEM
- \lang1033 o AC97/16-bit stereo full-duplex Audio Interface

**Collimator**

- |   |  |
|---|--|
| 1 | <p>H2505TJ      Infinia Low Energy High resolution Collimators</p> |
|---|--|



Includes:

- \fi-195\li195 Two LEHR Collimators
- 
- \fi-195\li195 Collimators Mounted on a Dedicated Collimator Cart
- 

1 H2505TK **Infinia Medium Energy General Purpose Collimators**

Includes:

- \fi-195\li195 Two MEGP Collimators
- Collimators Mounted on a Dedicated Collimator Cart
- 

1 H2505TL **Infinia High Energy General Purpose Collimators**

Includes:

- \fi-195\li195 Two HEGP Collimators
- 
- \fi-195\li195 Collimators Mounted on a Dedicated Collimator Cart
- 

**Quality Control**

1 H3602MS **Infinia Bar Phantom**

**Options and Accessories**

1 H2508LK **SONY 4.1GB, Re-Writable Magneto Optical Drive**

4.1 Gigabyte, 5.25 Inch Re-Writable SONY Magneto Optical Drive for Xeleris, eNTEGRA Workstation or GENIE P&R systems

1 E6900AE **Two Monitor Workstation with Adjustable Work Surface.**

Features:

- \fi-195\li195 Work Surface That is Individually Height Adjustable
- Cold Rolled Steel Frame With Epoxy Power Coated Paint Finish
- Particle Board Core Top With High Pressure Laminate Finish
- Tilt, Height Adjustable, and Retractable Keyboard Tray
- Grommet Outlets, CPU Cradle, Mobile File Pedestals, Wire Management
- Double Casters (4), 2 Locking, Fully Assembled
- 

2 H3700JL **Xeleris Americas Configuration Kit**

Includes Isolation Transformer, U.S. Keyboard, and Language Kit.

**Basic Networking**

1 K9000L **Performance Network Kit**

Contains a 10/100 Mbit Ethernet Switch, Transceivers, and UTP Cable for up to Six Networked Devices.

Kit Includes: Installation of the Above Identified Equipment.

**Marketing****1 H2505ZZ Infinia Hawkeye Referring Physician Marketing Kit**

Valued at \$50K, this comprehensive marketing kit targeting referring physicians provides the tools GE Medical Systems customers need to market their services to referring physicians in their local area. The Kit reduces the customer's marketing preparation schedules by weeks because it includes ready-to-use marketing and direct mail materials. Customers can instantly insert their logo and promote their services before and after installation is complete.

Includes print ready, customizable files for:

- \nowidct\par Marketing and PR101 (how to place an ad, sample media plan, etc)
- Marketing Materials: referring physicians direct mailers to Urology/Prostate, Cardiology, Surgery, Oncology
- Referring physician promotion items: special event suggestions, thank-you letters
- Photos for powerpoint and web use and to "create your own" advertising,
- Sample news release
- 

**Hardware****1 H2505ZD Infinia 10 KVA UPS**

3 Phase 10 KVA Uninterruptible Power Supply (UPS) required for all Infinia and Infinia Hawkeye Cameras in North America.

- o 37in high x 16in wide x 33in deep
- o 644 lbs with batteries
- o 444 lbs without batteries
- o 3x208 VAC voltage
- o Backup Time 45 min - 2KW load
- o Battery Recharge Time - Approx 6-8 hours

**1 S8006JD 17" LCD Acquisition Station Monitor with Computer Cart****2 H3300TC Black 18 Inch LCD Color Monitor for Xeleris, eNTEGRA and POWERstation LNX.**

This Small Footprint LCD Color Monitor From NEC Features an Ultra-thin Frame Design.

For use with Xeleris, eNTEGRA and POWERstation LNX

**1 E4502KB Features/Benefits**

The use of uninterruptible power enables the system imaging to be completed after the loss of supply power, and allows for saving of valuable data and orderly system shutdown

The Online Double Conversion UPS eliminates all power anomalies such as noise, transients, over-voltage, and under-voltage, which could damage the imaging system's sensitive computer components

Front Panel LCD Display indicator indicates line, bypass, inverter, backup, fault, battery capacity, load capacity, I/P and O/P voltage, I/P and O/P frequency, inside temperature of UPS

Improves imaging system reliability, reduces service costs, and increases system up time.

Advanced Battery Management Plus uses sophisticated battery sensing technology to keep the batteries in sleeping mode if there is small or no loading detective. The two-step battery recharging technology auto charge the battery when it is needed to prevent the temperature from becoming too high, making the battery life longer

Smart RS-232 Communication Port - Establish link between the UPS and the computer through a cable connect to the RS-232 communication port to detect power failure, battery life, schedule UPS on/off, and AC power status display

Warranty: 2 year on UPS, 1 year on Battery

Please consult your GE Medical Systems Field Engineer to determine if this is the appropriate product for your needs before purchasing

**Specifications**

Each 2 KVA UPS sold individually

Additional battery backup available

Nominal Voltage: 120 Vac

Frequency: 50/60 Hz, auto-sensing

Battery Back-Up Time: 9 min. Full Load, 25 min. Half Load

UPS Dimensions (Width x Depth x Height): 7.6 in. x 18.1 in. x 15.2 in. (192mm x 460mm x 385mm)

UPS Weight: 70.4 lbs. (32 kg)

### Compatibility

Tested for use with:

GE Ultrasound systems: LOGIQ 500, LOGIQ 700, LOGIQ 9, System FiVe, Vivid 7, Vivid 7 Pro

GE Nuclear Medicine systems: Millenium MG, Millenium MPR, Millenium MPS, Optima

Locate UPS away from patient area

Customer is responsible for rigging and arranging for installation with a certified electrician

**ITEM IS NON-RETURNABLE AND NON-REFUNDABLE**

### Nuclear Training

- |   |         |  |
|---|---------|--|
| 1 | W0002NM | 2 consecutive days of Nuc. Med. or PET onsite applications training provided from 8AM to 5PM, Mon. through Fri.. |
|---|---------|--|

### Other

- |   |         |   |
|---|---------|---|
| 1 | S8005WA | <p>Xeleris Multi Modality Image Registration (Multi Pack)</p> <p>Includes: Site wide license package - includes up to 10 licenses for the same site</p> <p>Tool to Register Images Acquired on Different Modalities or to Register Functional Images at Different Times. Supports NM/CT, PET/CT, NM/MR and NM/NM Registration of Transaxial Data Sets.</p>  |
| 1 | H2508PT | <p><b>5mm "Fine Step" Option for Hawkeye (R)</b></p> <p>Optional feature for Infinia Hawkeye and InfiniaVC Hawkeye systems. Option improves definition and resolution in the coronal and sagittal planes of a Hawkeye acquisition over a 20 cm field-of-view.</p> <p>For Infinia systems installed prior to August 1, 2004, system will also require software and hand-controller upgrade (H2508PY). Consult with Sales Rep to identify correct solution.</p> |
| 1 | H3800NB | <p><b>MultiMedia Creator for Xeleris 1.1</b></p> <p>A powerful tool for the creation and distribution of Xeleris results pages in full color and motion. Text and vocal descriptions may be added to the selected images and the overall report can be viewed and edited prior to distribution. Once created, reports may be distributed on CD, Email or Network easily from within the application.</p>  |
| 1 | H2600SP | <p><b>SEGAMI NeuroGam for Xeleris/ eNTEGRA</b></p> <p>Segami's NeuroGam(TM) Software is a Quantification and Review Package for Cerebral Tomography.</p> <p>Features Include:</p> <ul style="list-style-type: none"> <li>• {\*pn\pnl\blt\pnf2\pnindent195\pntxtb\B7}}\fi-195\li195 Talairach Transformation</li> </ul>  |

- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb'B7'}}\fi-195\li195 Normal Database Comparison
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb'B7'}}\fi-195\li195 Definition of Brodman Area Templates
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb'B7'}}\fi-195\li195 3D Volume of Interest Based Quantification
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb'B7'}}\fi-195\li195 Supports Major SPECT and PET Pharmaceuticals Including: Ceretec, ECD, 99mTc-HMPAO, 201TL, 123I-IMP, 18FDG, and DatScand
- 

1 W0100NM One 4 day onsite visit to coincide with system start-up

1 H2600MB **QuantEM Software for Xeleris/ eNTEGRA**

- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb'B7'}}\fi-195\li195 Quantitative Analysis for Tc-99m Mag 3 Renography.
- Includes Syringe Holder and Gates Adapter.
- Includes Whole Kidney and Cortical Renogram Analysis, and Camera Clearance Determination.
- 

1 W0200NM Ονε 2 δαψ ονσντε τρανινγ σεσσνν

●

**TOTAL NET EQUIPMENT SELLING PRICE**

**\$590,030.40**

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#### **EQUIPMENT OPTIONS**

1 H3700KA **Xeleris View Workstation - Desktop**

**\$22,443.75**

The Xeleris View is a High Performance Physicians Review System Using the Multi-tasking Power of Windows Operating System, with the Flexibility of a Pentium Based PC Desktop. The Result is Unprecedented Performance for Review of Clinical Functional Imaging Studies.

Xeleris View's Unique Auto Tab Filing System Provides an Intuitive and Easy to Use Graphical User Interface Designed Specifically for Nuclear Medicine, PET, and PET/CT. Increased Productivity, and Reduced Training Times Result.

System Components Include:

- o Tower PC
- o 2.8 GHz Pentium 4 Processor
- o 512 KB L2 Cache Integrated on Processor
- o Intel E702 Chipset with Dual Memory Channels (4.2 GB/s Throughput) and 533 MHz System Bus
- o Windows NT Operating System
- o 1 GB DDR RAM (Expandable to 4 GB)

- o 73 GB Ultra 320 SCSI Hard Drive, 10,000 rpm
- o Database Capability: 45 GB or 2500 Studies (Whichever Comes First)
- o High Resolution Graphics Card (AGP)
- o 3Com 10/100BaseT Ethernet Card
- o Internal 3.5 Inch Floppy Drive 1.44 Mbytes
- o Internal CD-RW
- o PS/2 101 Key English Keyboard
- o Windows NT
- o Xeleris View Software

#### General Features:

#### Display & Analysis

- o Standard Tools Single and Multiple Display & Analysis of Images, Curves and ROIs
- o Tools Also Available to Generate JPEG and AVI Files From Displayed Data

#### Display Protocols

- o Standard Review Protocols Including Whole Body, Biliary, Liver, Lung & Thyroid Review

#### PET and PET/CT Review Protocols

- o Review of Standalone PET Data or Inherently Registered PET/CT Data
- o SUV and MIP Display

#### Cardiac Features - Complete Suite of Nuclear Cardiology Tools for Physician Review

- o Myovation (TM) Cardiology Suite
- o Cardiac SPECT

#### Renal Protocols

#### Bone Protocols

#### Oncology & Infection Protocols

#### Gastric Protocols

#### Pulmonary Protocols

#### Neuro Protocols

#### User Programmability Features

- o User Customizable Review Templates for Each Study Type
- o Aladdin Basic Support

#### Connectivity/Networking

- o DICOM 3.0 Support for Nuclear Medicine, PET, CT, MR and Secondary Capture Image Storage

#### Film/Hardcopy - Queued Digital Filming and Digital HardCopy

1	H2505TM	<b>Infinia Pinhole (High Energy) Collimator Includes:</b> <ul style="list-style-type: none"> <li>• \fi-195\i195 One Pinhole (High Energy) Collimator.</li> <li>• Collimator is Mounted on a Dedicated Collimator Cart.</li> <li>•</li> </ul>	\$16,500.00
1	H3700KR	<b>Xeleris DVD Drive</b> 2X Write (2770 KB/s with Verify). 4.0 GB per Side - Double Sided Capacity.	\$7,500.00
1	H2505ZB	<b>The Advanced Design Brain Tomography Headholder</b> Provides an Improved Support Device to the Patient's Head During Tomographic Brain Scans. It is Designed to Minimize Detector-to-Patient Distance in Collimated Scans in Order to Maximize Scanning Resolution, While Increasing the Patient Comfort and Clinical Ease of Use. Made of Low Attenuation Carbon Fiber, the Headholder Features Adjustable Geometry with a Quick Release Hand Knob, Securing Maximal Fit to the Individual Patient Anatomy. It is Attachable/Detachable to/from the Infinia/ Millennium VG Tabletop Via Adhesive Velcro Strips.	\$2,625.00
1	H3700KT	<b>Xeleris Archive Tower</b> Provides additional bays so that a single Xeleris workstation can support a DVD-RAM drive internally	\$562.50

and up to 2 MODs externally\lang1033

**PRICING PROPOSAL**

General Electric Company is pleased to submit this Pricing Proposal for budgetary purposes only. This Pricing Proposal will be valid until December 31, 2004, unless otherwise indicated herein. If you would like to place an order for the equipment listed herein, your GE Sales Representative will arrange for the preparation and submission to you of a formal GE Quotation, including applicable GE Terms and Conditions, Warranties, and Payment Terms, for your consideration. Only a formal GE Quotation may be used to create a binding order for this equipment. Upon request, your GE Sales Representative can also provide you with information concerning GE training, lease/finance and service agreement options.

Total

639,661.65

"GE Company Proprietary and Confidential"

## PRELIMINARY PROPOSAL

To: DANBURY HOSPITAL  
24 HOSPITAL AVE  
Danbury, CT 06810-6099

**GE Medical Systems**

From: Fritz Dehn  
1400 Computer Drive  
Westborough, MA 01581-5088  
(508) 870-5200

M3FC4I.M3F04 Monday, November 01, 2004

Qty	Catalog#	Description	Price
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### GE Millennium MPR System

#### Base System

1 S8003ZN

#### Millennium MPR Integrated with Xeleris 1.1

The Millennium MPR Single Head Camera is a Multi-Purpose Camera Employing State-of-the-art Detector Electronics and Computer Technology.

- o The Difference Begins with Millennium's Digital Correlated Signal Enhancement (CSE) Detectors: Rows and Columns Technology Allows a 28% Improvement in Photon Detection Over Traditional Anger Camera Technology
- o Complete Digitization of Signal Integration, Diagnostics, Tuning and Pile-up Correction
- 48 Large 3 Inch Square Tubes Provide an Improved Field of View
- o 55 - 400 KeV Energy Range
- o 3/8 Inch (8.5 mm) Crystal Thickness
- 0.7 Microsecond Dead Time

The Millennium MPR Utilizes a Fixed Tomographic Gantry for Detector Stability and Applications Flexibility Including:

- o Complete Automated Gantry Movements
- o An Intuitive, Icon-Based Hand-Set
- o Collision Sensing Detectors on Gantry Arms and Detector Face/Edges
- o Standard Whole Body Contouring Feature (Learn Mode), Standard Fast Dynamics for Extremely High Frame Count Studies (First Pass) and Optional Programmable Body Contouring (Elliptical SPECT)

The Millennium MPR Utilizes a Three-Axis Mobile Table:

- o All Movements are Electronically Controlled
- o Completely Mobile to Accommodate a Myriad of Non-Standard Table Imaging Applications
- o Accommodates 400 Lbs. Patient Weight

The Computing Power Behind the Millennium MPR Acquisition System is the GENIE Acquisition A High Performance Pentium Based PC Running Real Time UNIX:

- o 64 MBytes
- o 2.0 GByte Formatted SCSI Disk
- o High Resolution (1280 x 1024) 17 Inch Color Monitor with 256 Colors Standard
- o Ethernet with TCP/IP, OSI and GE Starlink 4.0 Protocols
- o X11/Motif Window Based User Interface

The Xeleris Workstation is a High Performance Processing, Analysis and Review System Connectivity Features/Solutions:

- o NM and PET DICOM 3.0 Support; CT/MR DICOM Support; DICOM Part 10 Import and Export via various electronic formats
- o Interfile Version 3.3 Import and Export

Workflow/Productivity Benefits including:

- o Ignite Workflow technology and Liberty Protocol Optimization
- o InBox tool to review waiting datasets and forward exams or reports
- o Aladdin Programming Environment; Visual Basic (R) based user protocol development environment

**Xeleris 1.1 Workstation Specifications:**

- o Tower PC with 3.2 GHz Pentium 4 Processor, 1 MB L2 cache integrated on processor
- o Intel 875 chipset with dual memory channels (4.2 GB/s throughput) and 800-MHz system bus
- o Windows XP Operating System
- o 1 GB DDR RAM
- o 73GB Ultra320 SCSI Hard Drive 10,000 rpm

**Collimator**

- |   |         |   |
|---|---------|---|
| 1 | H2505MD | ΗΕΓΠ (Ηγίη Ενεργψ Γενεραλ Πυρποσε—I-131) Χολλιματορ ωιτη Χαρτ φορ Χολλιματορ Χηανγινγ ανδ Στοραγε<br><ul style="list-style-type: none"> <li>● Μιχροχαστ Δεσιγν</li> <li>● Φορ υσε ωιτη Ηγίη Ενεργψ (I-131) Ισοτοπεσ</li> <li>●</li> </ul>   |
| 1 | H2505MC | ΜΕΓΠ Χολλιματορ ( Μεδιυμ Ενεργψ Γενεραλ Πυρποσε—Γαλλιυμ ανδ Ινδιυμ) ωιτη Χολλιματορ Χαρτ φορ Χολλιματορ Χηανγινγ and Storage<br><ul style="list-style-type: none"> <li>● {\*\pn\pnlvblt\pnf2\pnindent195\pntxtb\B7}}fi-195\i195 M icroscast Design</li> <li>● For Medium Energy (Gallium and Indium) Isotopes</li> <li>●</li> </ul> |
| 1 | H2505MB | Λ EHR Collimator ( Low Energy High Resolution—Bones and Cardiolite) with Collimator Cart for Collimator Changing and Storage<br><ul style="list-style-type: none"> <li>● Microcast Design</li> <li>● For use with low energy isotopes(Tc-99m, TI-201)</li> <li>●</li> </ul>   |

**Quality Control**

- |   |         |                                   |
|---|---------|-----------------------------------|
| 1 | H3602LB | Rectangular Bar Phantom and Stand |
|---|---------|-----------------------------------|

**Options and Accessories**

- |   |         |  |
|---|---------|--|
| 1 | H2508LK | <b>SONY 4.1GB, Re-Writable Magneto Optical Drive</b><br><br>4.1 Gigabyte, 5.25 Inch Re-Writable SONY Magneto Optical Drive for Xeleris, eNTEGRA Workstation or GENIE P&R systems   |
| 1 | E8500DA | Brain Tomography Headholder for use on either ECT or Carbon Fiber Table.<br><ul style="list-style-type: none"> <li>● {\*\pn\pnlvblt\pnf1\pnindent195\pntxtb\B7}}fi-195\i195 Includes Four Foam Pads.</li> <li>● Does not include Mounting Bracket or Panel</li> <li>●</li> </ul> |
| 1 | H3200JM | Αδδιτιοναλ Μιλλεεννιυμ ΜΤΙΡ/ΜΤΙΣ Ηανδσετ<br><ul style="list-style-type: none"> <li>●</li> </ul>  |
| 1 | E8500JP | Millennium Headholder Mounting Panel for Millennium Carbon Fiber Table.<br><ul style="list-style-type: none"> <li>● {\*\pn\pnlvblt\pnf1\pnindent195\pntxtb\B7}}fi-195\i195 15 Inches Long With Velcro Hook That Attaches toTable Pad</li> <li>●</li> </ul>                       |
| 1 | E6900AF | <b>36 Inch Monitor Workstation Table with Adjustable Surfaces</b><br><br>Features:<br><ul style="list-style-type: none"> <li>● {\*\pn\pnlvblt\pnf1\pnindent195\pntxtb\B7}}fi-195\i195 Work and Display Surfaces, Individually Height Adjustable</li> </ul>                       |



- Cold Rolled Steel Frame With Epoxy Power Coated Paint Finish
- Particle Board Core Top With High Pressure Laminate Finish (Work and Display) Surfaces
- Adjustable and Retractable Ergonomic Keyboard/Mouse Surface
- Work Surface 36 Inch Wide x 30 Inch Deep x30 Inch High, Full Assembled.
- 

1 H3700JL **Xeleris Americas Configuration Kit**

Includes Isolation Transformer, U.S. Keyboard, and Language Kit.

**Hardware**

1 S8006JD **17" LCD Acquisition Station Monitor with Computer Cart**

1 H3300TC **Black 18 Inch LCD Color Monitor for Xeleris, eNTEGRA and POWERstation LNX.**

This Small Footprint LCD Color Monitor From NEC Features an Ultra-thin Frame Design.

For use with Xeleris, eNTEGRA and POWERstation LNX

1 E4503LL **Features/Benefits**

- {\\*\pn\pnlvblt\pnf5\pnindent360{\pntxtb\B7}}fi-360\li720 The use of uninterruptible power enables the system imaging to be completed after the loss of supply power, and allows for saving of valuable data and orderly system shutdown
- The Online UPS eliminates all power anomalies such as noise, transients, overvoltage, and undervoltage, which could damage the imaging system's sensitive computer components
- Improves imaging system reliability, reduces service costs, and increases system up time.
- Advanced Battery Management Plus uses sophisticated battery sensing technology to double battery service life and provides up to 60 days notice of the end of useful battery service life
- System monitoring via: Power vision software, RS-232 Port
- 2 year warranty - 24 hours a day 7 days a week included in price
- Please consult your GE Medical Systems Field Engineer to determine if this is the appropriate product for your needs before purchasing

**Specifications**

- {\\*\pn\pnlvblt\pnf5\pnindent360{\pntxtb\B7}}fi-360\li720 Each 2 KVA On-Line UPS sold individually
- Nominal Voltage: 120 Vac
- Frequency: 50/60 Hz, auto-sensing
- Battery rating: 5 minutes @ 1,400 Watts
- UPS Dimensions (Height x Width x Depth): 3.5 in. x 17 in. x 19.4 in. (89mm x 432mm x 494mm)
- UPS Weight: 50 lbs. (23 kg)
- Safety Markings: 120V: UL, CSA
- EMC Markings: FCC Class B and VCCI Class II
- Surge Suppression: IEEE/ANSI C62.41 Category B (formerly 587)
- REPO Port: Meets NEC code 645-11 intent and UL requirements

**Compatibility**

- {\\*\pn\pnlvblt\pnf5\pnindent360{\pntxtb\B7}}fi-360\li720 Tested for use with GE Nuclear Medicine
- Locate UPS away from patient area
- Customer is responsible for arranging installation by a licensed electrician
- **ITEM IS NON-RETURNABLE AND NON-REFUNDABLE**

**Nuclear Training**

1 W0100NM One 4 day onsite visit to coincide with system start-up

1 H2600SP **SEGAMI NeuroGam for Xeleris/ eNTEGRA**

Segami's NeuroGam(TM) Software is a Quantification and Review Package for Cerebral Tomography.

Features Include:

- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Talairach Transformation
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Normal Database Comparison
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Definition of Brodman Area Templates
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 3D Volume of Interest Based Quantification
- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Supports Major SPECT and PET Pharmaceuticals Including: Ceretec, ECD, 99mTc-HMPAO, 201TL, 123I-IMP, 18FDG, and DatScand
- 

1 H2600SN **SEGAMI NeuroMatch for Xeleris/eNTEGRA**

Automatic Brain registration and characterization protocol for cerebral SPECT & MRI

1 H2600MB **QuantEM Software for Xeleris/ eNTEGRA**

- {\\*\pn\pnlvblt\pnf2\pnindent195{\pntxtb\B7}}\fi-195\li195 Quantitative Analysis for Tc-99m Mag 3 Renography.
- Includes Syringe Holder and Gates Adapter.
- Includes Whole Kidney and Cortical Renogram Analysis, and Camera Clearance Determination.
- 

## 1 W0950NM 4 hours remote TiP Virtual Assist training for NM Xeleris.

**TOTAL NET EQUIPMENT SELLING PRICE**

**\$221,816.80**

**EQUIPMENT OPTIONS**

1	H2505MG	Πινηολε Χολλιματορ ωιτη Χαρτ φορ Χολλιματορ Χηανγινγ ανδ Στοραγε	\$9,000.00
		<ul style="list-style-type: none"> <li>● Φορ υσε ωιτη λοω ενεργγ ισοτοπεσ (Τχ-99μ, Ι-123)</li> <li>●</li> </ul>	
1	H2505ME	ΛΕΥΗΣ (Λοω Ενεργγ Υλτρα Ηιγη Σενσιτιπιτυ) Χολλιματορ ωιτη Χολλιματορ Χαρτ φορ Χολλιματορ	\$9,000.00

Χηανγινγ ανδ Στοραγε

- Μιχροχαστ Δεσιγν
- Φορ υσε ωην ηιγη χουντ σενοιτιπιτψ ισ νεεδεδ
- Φορ υσε ωιτη λοω ενεργψ (Τχ-99μ) ιστοτοπεσ
- 

1	H3700KR	<b>Xeleris DVD Drive</b>	\$7,500.00
		2X Write (2770 KB/s with Verify). 4.0 GB per Side - Double Sided Capacity.	
1	H3700KT	<b>Xeleris Archive Tower</b>	\$562.50
		Provides additional bays so that a single Xeleris workstation can support a DVD-RAM drive internally and up to 2 MODs externally\lang1033	

Total 247,879.30

#### PRICING PROPOSAL

General Electric Company is pleased to submit this Pricing Proposal for budgetary purposes only. This Pricing Proposal will be valid until December 31, 2004, unless otherwise indicated herein. If you would like to place an order for the equipment listed herein, your GE Sales Representative will arrange for the preparation and submission to you of a formal GE Quotation, including applicable GE Terms and Conditions, Warranties, and Payment Terms, for your consideration. Only a formal GE Quotation may be used to create a binding order for this equipment. Upon request, your GE Sales Representative can also provide you with information concerning GE training, lease/finance and service agreement options.

# 3

**"GE Company Proprietary and Confidential"**

## PRELIMINARY PROPOSAL

**To:** DANBURY HOSPITAL  
24 HOSPITAL AVE  
Danbury, CT 06810-6099

**GE Medical Systems**

**From:** Fritz Dehn  
1400 Computer Drive  
Westborough, MA 01581-5088  
(508) 870-5200

M3FC7G.M3F05 Monday, November 01, 2004

<b><u>Qty</u></b>	<b><u>Catalog#</u></b>	<b><u>Description</u></b>	<b><u>Price</u></b>
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### GE Millennium MyoSIGHT

#### Base System

1	S8003ZP	<b>Millennium Myosight Integrated System - Xeleris 1.1</b>	
---	---------	--	--

MyoSIGHT Basic Configuration Includes:

- o Two Rectangular Digital SCE Detectors
  - Crystal Thickness: 9.5 mm (3/8 Inch)
  - Correlated Signal Enhancement Electronics with Row and Column PMT Signal Summation
  - 48 Square, 77 mm (3 Inch) PMT's per Detector
  - Detector FOV: 36 cm x 48 cm (14.5 Inch x 20.5 Inch)
- o Compact Stationary Gantry
  - Path-through, Ring Gantry Design
  - Detectors in Variable 180 Degree or 101 Degree Geometries
  - 180 Degree or 360 Degree SPECTScanning
  - Ergonomically Designed Handset with Multiple Functions
- o Cardiac Optimized Patient Handling System
  - Small Footprint, Removable Table
  - Cantilevered Table Design
  - Carbon Fiber Tabletop
  - Motorized Vertical and Lateral Tabletop Motions
  - Manual Tabletop Translation with Quick Patient Egress
- o GENIE Acquisition Station
  - Housed on Height Adjustable Mobile Stand
  - Intel Pentium III Based Workstation
  - 9.0 GByte Formatted SCSI Disk
  - Ethernet with TCP/IP and OSI Protocols
  - Real-time Lynx OS UNIX Operating System
  - Linkable to eNTEGRA P&R Workstation
  - Autotab Filing System

#### Xeleris 1.1 Workstation

Xeleris Workstation is a Processing, Analysis and Review System - Desktop Configuration

**Connectivity Features/Solutions**

- o NM and PET DICOM 3.0 Support
- o CT/MR DICOM Support
- o DICOM Part 10 Import and Export via various electronic formats
- o Interfile Version 3.3 Import and Export
- o Legacy STP Connectivity for the DS-Series Gamma Cameras

**Workflow/Productivity Benefits including:**

- o Ignite Workflow technology
- o Liberty Protocol Optimization
- o Fast & Flexible search locates patients on any networked Xeleris
- o InBox tool to review waiting datasets and forward exams or reports

**Aladdin Programming Environment:**

- o Visual Basic(R) based user protocol development environment

**Xeleris Workstation Specifications:**

- o Tower PC with 3.2 GHz Pentium 4 Processor, 1 MB L2 cache integrated on processor
- o Intel 875 chipset with dual memory channels (4.2 GB/s throughput) and 800-MHz system bus
- o Windows XP Operating System
- o 1 GB DDR RAM
- o 73GB Ultra320 SCSI Hard Drive 10,000 rpm

**Collimator**

- |   |         |  |
|---|---------|--|
| 1 | H2505RB | <p>Millennium MG/MC -LEHR-Low Energy High Resolution Collimators.</p> <ul style="list-style-type: none"> <li>● {^*\pn\pn\l\l\pnf1\pnindent195\pntxtb\B7}}fi-195\li195 Two LEHR Collimators With Collision Senor Pads Mounted on Each Collimator</li> <li>● Collimators Mounted on a Dedicated Collimator Cart</li> </ul> |
|---|---------|--|

**Quality Control**

- |   |         |                                   |
|---|---------|-----------------------------------|
| 1 | H3602LB | Rectangular Bar Phantom and Stand |
|---|---------|-----------------------------------|

**Options and Accessories**

- |   |         |   |
|---|---------|---|
| 1 | H2505JY | <p><b>IVY R-Wave Trigger</b></p> <p>Self Contained ECG Trigger Monitor with 7 Inch, Two Trace Display, to Confirm and Output a Reliable ECG Trigger Signal Synchronized with a Patient's R-Wave. Used for Gated FirstPass, MUGA and Multigated Cardiac SPECT Studies.</p> |
|---|---------|---|

Key Features Include:

- o ECG Freeze/Cascade to Capture Ectopic ECG Waveforms
- o Trigger Mark Bright Spot on Display Confirms Reliable Triggering and Timing
- o Fully Automatic Operation - Just Connect to the Patient
- o Easy to Read Display of Heart Rate and Key Settings (Alarms, ECG Lead Selection)
- o Simple Menu Operation for Set-Up and Other Selections
- o Universal Power Supply Covering 100 to 230 Volts, and 50 and 60 Hz with Automatic AutoNotch Frequency Detection

**Accessories Included:**

- o 3 Lead Patient Cable
- o Patient Leads
- o 2.4m BNC to BNC Cable
- o 2.4m 110-Volt Power Cable
- o 4.6m Stereo to BNC Cable
- o Operators Manual

- |   |         |  |
|---|---------|--|
| 1 | H2508LK | <p><b>SONY 4.1GB, Re-Writable Magneto Optical Drive</b></p> <p>4.1 Gigabyte, 5.25 Inch Re-Writable SONY Magneto Optical Drive for Xeleris, eNTEGRA Workstation or GENIE P&amp;R systems</p>  |
| 1 | H2504LE | Optional Millennium Table Leg Extender   |
| 1 | E6900AE | <p><b>Two Monitor Workstation with Adjustable Work Surface.</b></p> <p>Features:</p> <ul style="list-style-type: none"> <li>● 195 Work Surface That is Individually Height Adjustable</li> <li>● Cold Rolled Steel Frame With Epoxy Power Coated Paint Finish</li> <li>● Particle Board Core Top With High Pressure Laminate Finish</li> <li>● Tilt, Height Adjustable, and Retractable Keyboard Tray</li> <li>● Grommet Outlets, CPU Cradle, Mobile File Pedestals, Wire Management</li> <li>● Double Casters (4), 2 Locking, Fully Assembled</li> <li>●</li> </ul> |
| 1 | E8500NA | <p>One Piece Armrest with Adjustable Mounting Straps .</p> <p>18 in. High x 14 in. Wide x 8 in. Deep</p>   |
| 1 | H2508WG | <p><b>Millennium MG/MyoSIGHT Heads Off Option</b></p> <p>Optional packing and shipping of Millennium MG or MyoSIGHT cameras with the detectors separate.</p>   |

2 H3700JL **Xeleris Americas Configuration Kit**

Includes Isolation Transformer, U.S. Keyboard, and Language Kit.

**Basic Networking**

1 K1000NA **Point to Point Networking Kit**

Standard network kit. Ethernet hub Physical Connection Between Any Two Nuclear Imaging Acquisition or Workstations Utilizing 10 Base T

**Hardware**

1 S8006JD **17" LCD Acquisition Station Monitor with Computer Cart**

2 H3300TC **Black 18 Inch LCD Color Monitor for Xeleris, eNTEGRA and POWERstation LNX.**

This Small Footprint LCD Color Monitor From NEC Features an Ultra-thin Frame Design.

For use with Xeleris, eNTEGRA and POWERstation LNX

1 E4503LL **Features/Benefits**

- {\\*\pn\pnlvblt\pnf5\pnindent360{\pntxtb'B7'}}fi-360\i720 The use of uninterruptible power enables the system imaging to be completed after the loss of supply power, and allows for saving of valuable data and orderly system shutdown
- The Online UPS eliminates all power anomalies such as noise, transients, overvoltage, and undervoltage, which could damage the imaging system's sensitive computer components
- Improves imaging system reliability, reduces service costs, and increases system up time.
- Advanced Battery Management Plus uses sophisticated battery sensing technology to double battery service life and provides up to 60 days notice of the end of useful battery service life
- System monitoring via: Power vision software, RS-232 Port
- 2 year warranty - 24 hours a day 7 days a week included in price
- Please consult your GE Medical Systems Field Engineer to determine if this is the appropriate product for your needs before purchasing

**Specifications**

- {\\*\pn\pnlvblt\pnf5\pnindent360{\pntxtb'B7'}}fi-360\i720 Each 2 KVA On-Line UPS sold individually
- Nominal Voltage: 120 Vac
- Frequency: 50/60 Hz, auto-sensing
- Battery rating: 5 minutes @ 1,400 Watts
- UPS Dimensions (Height x Width x Depth): 3.5 in. x 17 in. x 19.4 in. (89mm x 432mm x 494mm)
- UPS Weight: 50 lbs. (23 kg)
- Safety Markings: 120V: UL, CSA
- EMC Markings: FCC Class B and VCCI Class II
- Surge Suppression: IEEE/ANSI C62.41 Category B (formerly 587)
- REPO Port: Meets NEC code 645-11 intent and UL requirements

**Compatibility**

- {\\*\pn\pnlvblt\pnf5\pnindent360{\pntxtb'B7'}}fi-360\i720 Tested for use with GE Nuclear Medicine
- Locate UPS away from patient area
- Customer is responsible for arranging installation by a licensed electrician
- **ITEM IS NON-RETURNABLE AND NON-REFUNDABLE**

**Other**

2 H3700NA **Emory Cardiac Toolbox (version 2.3) - 1st License**

The Emory Cardiac Toolbox Offers a Unique combination of Leading Edge Nuclear Medicine Software for Comprehensive Cardiac Analysis.

Protocols Include:

**CEqual**

- $^{18}\text{F}$ - $^{18}\text{F}$  Quantification of Sestamibi (Cariolite) and other Myocardial Perfusion Tracers
- Tomographic Quantification of Rest/Delay and Stress Myocardial Tomograms with Reversibility Plots and Scores
- Includes Five Normal Files - One Day, Two Day Sestamibi, Thallium, Dual Isotope, and Tetrofosmin

**Side-by-Side Stress and Rest Reconstruction and Cardiac Oblique Reorientation**

- $^{18}\text{F}$ - $^{18}\text{F}$  User Defined Default Parameters Including Reconstruction Type, Prefilter, Decay Correction, and Slice Thickness.
- Interactive Tools for Stress Versus Rest Slice Realignment

**Slice Review**

- $^{18}\text{F}$ - $^{18}\text{F}$  Stress Over Rest Formatting of Vertical Long Axis, Horizontal Long Axis, and Short Axis Dataset
- Stress and Rest Raw Data Cines with Line Markers to Evaluate Motion

**Emory Gated SPECT (EGS)**

- $^{18}\text{F}$ - $^{18}\text{F}$  Ejection Fraction Generation
- Volume Curves
- End Diastole, End Systole, and Stroke Volumes
- Cinematic Review for Mid VLA, Mid HLA, and Apical, Mid and Basal Short Axis Slices
- 3D Gated Cines for Septal, Lateral, and Inferior Views

**3D PerfSPECTive**

- $^{18}\text{F}$ - $^{18}\text{F}$  Provides Three Dimensional Information Generated from CEqual and EGS Protocols
- Views include Septal, Lateral, Anterior, Inferior, and Apical
- Coronary Artery Overlays can be Displayed with Three Different Models - Right Dominant, Right Dominant #2, and Left Dominant
- Enhances EGS Protocol by Allowing 3D Gated Cine Review of Polar Maps

1 H3800NB **MultiMedia Creator for Xeleris 1.1**

A powerful tool for the creation and distribution of Xeleris results pages in full color and motion. Text and vocal descriptions may be added to the selected images and the overall report can be viewed and edited prior to distribution. Once created, reports may be distributed on CD, Email or Network easily from within the application.

1 W0100NM **One 4 day onsite visit to coincide with system start-up**

2 H2600WB **Cedars-Sinai Quantitative Perfusion SPECT (QPS) for Xeleris/eNTEGRA - 1st & 2nd license**

Completely Automatic 3-Dimensional Software Approach to Quantitative Perfusion SPECT for the Xeleris and eNTEGRA Workstation. The Software Main Features are:

- $^{18}\text{F}$ - $^{18}\text{F}$  The Algorithm is Independent of Myocardial Shape, Size and Orientation, and Establishes a Standard 3D Point-to-Point Correspondence Amongst All Sampled Myocardial Regions.
- $^{18}\text{F}$ - $^{18}\text{F}$  Quantitative Measurements as Well as 5 Point Semi Quantitative Scores are Automatically Generated for Each of 20 Myocardial Segments, and Summed Perfusion Scores Derived.
- $^{18}\text{F}$ - $^{18}\text{F}$  Normal Limits Generation is Automatic for Any Given Patient Population, and is Based on Data Fractionally Normalized to Minimize Hot Spot Artifacts.



- 1 H3800NA **DICOM Viewer for Xeleris 1.1**

Allows the creation of DICOM CD ROMs that contain PET/CT studies and an imbedded image viewer. The viewer allows the display of the PET, CT, and PET/CT fused images contained on the CD and incorporates basic image adjustment features. Not for diagnostic use.
- 2 H2600LK **Cedars-Sinai Quantitative Gated SPECT for eNTEGRA - 1st & 2nd Licenses**

Quantitative Gated SPECT is a Protocol That Processes Gated SPECT Data Using the Germano Method. The Ejection Fraction of the Left Ventricle is Calculated and a Three Dimensional Surface Display is Generated.  
The Protocol Consists of Several Parts:

  - \fi-195\li195 Input of Data - Gated or Non-Gated Short Axis Slices are Selected.
  - Automated Processing - Automatic Edge Detection Algorithms Segment the LV and Find the Inner and Outer Surfaces of the Myocardium.
  - Quantitative Results Including EF and LV Volumes are Generated.
  - Three Dimensional Rendering of the Inner and Outer Walls are Created.
  - A User Interactive Rendering and 3D Model is Created.
  - Summary Page - Displays Featuring Surface Points, Volume Curve, EF, and Polar Maps. Polar Maps Include Perfusion, Regional EF, Wall Motion, Wall-Thickening, and 3D Cine.
- 1 H3700NJ **Emory Report Generator for Xeleris Workstation - 1<sup>st</sup> License**

An Optional Package Available for the Emory Toolbox Applications for Generating Reports
- 2 H2600WK **Cedars-Sinai Automatic Motion Correction for Xeleris/eNTEGRA - 1st and 2nd license**

Fully Automatic Motion Correction Program for all Nuclear Medicine SPECT Imaging.

  - \fi-195\li195 Utilizes Interactive Reprojection to correct all types of motion
  - {\\*\pn\pnlvblt\pnf1\pnindent195{\pnxtb\B7}}\fi-195\li195 Fully automated correction for Cardiac SPECT
  - Dual display for side by side comparison
- 1 H3700NG **Cedar Report Generator for Xeleris Workstation - 1<sup>st</sup> & 2nd License**

An Optional Package Available for the Cedars Applications for Generating Reports
- 1 W0950NM 4 hours remote TiP Virtual Assist training for NM Xeleris.

#### Miscellaneous

- 1 S8003JS **2nd + Xeleris 1.1 Workstation Promo - Desktop Version**

The Xeleris Functional Imaging Workstation is a NM, PET, NM/CT, and PET/CT Processing, Analysis, and Review System - Desktop Configuration.

Comprehensive Clinical Library Features Include:

  - o Myovation (TM) Cardiology Suite for NM and PET
  - o Volumetrix (TM) Tomography Suite for the Review of Single and/or Multi-modality Studies Including NM, PET, SPECT/CT and PET/CT
  - o SPECT Motion Correction (Stasis & Hopkins Method)
  - o SPECT/CoDe Iterative Reconstruction

- o SPECT Compare for Comparison of Two Sets of 3-Plane Slices
- o First Pass EF Analysis
- o Cardiac LV EF Analysis for Planar Gated Blood Pool
- o L-R Shunt Analysis
- o Renal Analysis for Renal Perfusion and Functional Calculation
- o Whole Body Bone & Spots Review
- o Dynamic PET Analysis and Review
- o Whole Body SPECT
- o Gall Bladder Ejection Fraction
- o Gastric Emptying
- o Esophageal Motility Analysis
- o Lung Ventilation and Perfusion Analysis
- o Chang Attenuation Correction
- o Cerebral Blood Flow Segmentation Protocol
- o Thyroid Spot Review
- o Thyroid Uptake Index
- o Parathyroid Imaging Analysis
- o Time Activity Curves, Histogram Analysis, and ROI Statistical Analysis
- o Database Tools for Updating Study Information
- o AVI Movie and JPEG Screen Capture Creation

#### Connectivity Features/Solutions

- o NM and PET DICOM 3.0 Support
- o CT/MR DICOM Support as an SCP and SCU
- o DICOM Part 10 Import and Export via Various Electronic Formats
- o Interfile Version 3.3 Import and Export
- o Legacy STP Connectivity for the DS-Series Gamma Cameras

#### Workflow/Productivity Benefits Including:

- o Ignite Workflow Technology
- o Liberty (TM) Protocol Optimization
- o Fast & Flexible Search Locates Patients on Any Networked Xeleris
- o Inbox Tool to Review Waiting Datasets and Forward Exams or Reports

#### Aladdin Programming Environment:

- o Visual Basic Based User Protocol Development Environment
- o Create Protocols by Recording Actions on the Processing Card

#### Xeleris Workstation Specifications:

- \lang1040 o Tower PC
- o 3.2 GHz Pentium 4 Processor
- \lang1033 o Intel 8755 Chipset with 800MHz front side bus
- o Windows XP Operating System

- o 1 GB DDR RAM (Expandable to 2 GB)
- o 73 GB Ultra320 SCSI Hard Drive 10,000 rpm
- o Database Capability: 45 GB or 2500 Studies (Whichever Comes First)
- o AGP 8x Graphics Interface
- o Integrated Gbit (10/100/1000MB) Ethernet adapter by Broadcom
- o Internal 3.5 Inch Floppy Drive 1.44 Mbytes
- o CD-RW/DVD ROM Drive Combo
- o PS/2 101 Key English Keyboard
- \\lang1040 o Norton Anti Virus - 2004 OEM
- \\lang1033 o AC97/16-bit stereo full-duplex Audio Interface

**TOTAL NET EQUIPMENT SELLING PRICE****\$369,071.60****EQUIPMENT OPTIONS**

- |   |         |   |             |
|---|---------|---|-------------|
| 1 | H2508KM | <p><b>ACuscan Attenuation Correction Option- Factory Fitted.</b><br/> ACuscan Attenuation Correction Option Is Designed to Provide Improved Quantification of SPECT Myocardial Images, While Adding Little Effect on Study Setup, Patient Throughput, Scan Time and Patient Dose.</p> <p><i>Key Features Include:</i></p> <ul style="list-style-type: none"> <li>o Parallel Emission and Transmission</li> <li>o Gadolinium-153 100keV Transmission Energy<br/> Allowing Both Tl-201 and Tc-99m Patient Scans</li> <li>o Securely Installed with no Wasted Time on Collimator Changing or Extra Setup</li> <li>o Retracts Out of Way When Not in Use</li> <li>o Long-Lived Transmission Source Half-Life (242 Days) Resulting in Fewer Replacements and Lower Departmental Costs</li> <li>o Both Transmission and Emission Images can be Obtained with the Full Range of Parallel Hole Collimators (No Special Collimation Necessary)</li> <li>o Sequential or Simultaneous Emission/Transmission Modes to Suit Your Clinical Needs</li> <li>o Full Field-of-View Coverage</li> <li>o Touch Pads for Patient Safety if Scanning Sources Contact the Patient--Scan Will Pause Allowing Resume</li> </ul> | \$35,250.00 |
|---|---------|---|-------------|

1	H3700KR	<b>Xeleris DVD Drive</b>	\$7,500.00
		2X Write (2770 KB/s with Verify). 4.0 GB per Side - Double Sided Capacity.	
1	H3700KT	<b>Xeleris Archive Tower</b>	\$562.50
		Provides additional bays so that a single Xeleris workstation can support a DVD-RAM drive internally and up to 2 MODs externally/lang1033	

Total 412,384.10

**PRICING PROPOSAL**

General Electric Company is pleased to submit this Pricing Proposal for budgetary purposes only. This Pricing Proposal will be valid until December 31, 2004, unless otherwise indicated herein. If you would like to place an order for the equipment listed herein, your GE Sales Representative will arrange for the preparation and submission to you of a formal GE Quotation, including applicable GE Terms and Conditions, Warranties, and Payment Terms, for your consideration. Only a formal GE Quotation may be used to create a binding order for this equipment. Upon request, your GE Sales Representative can also provide you with information concerning GE training, lease/finance and service agreement options.